

Figure 1A

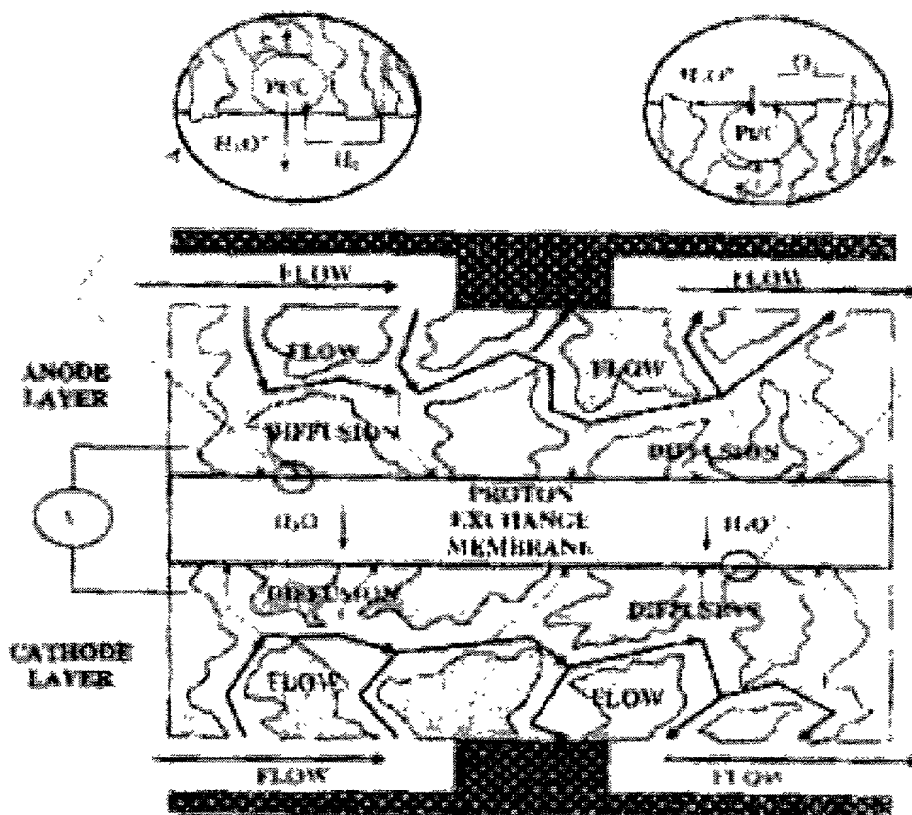


Figure 1B

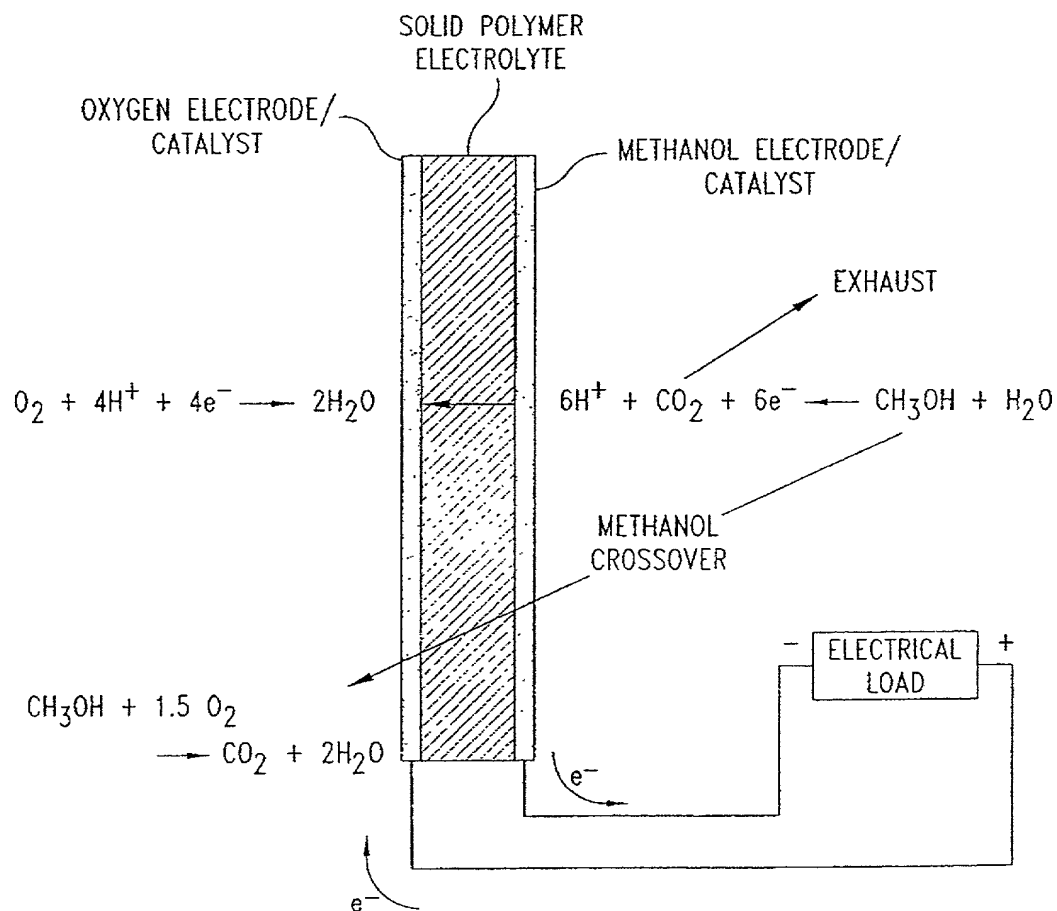


Fig. 2
(Prior Art)

0985327-134604

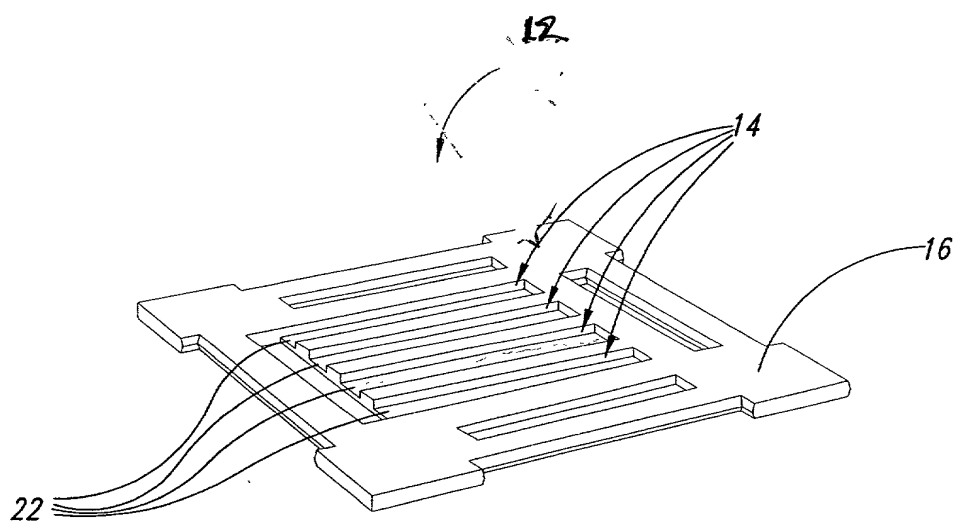


Fig. 3

09869327.054504

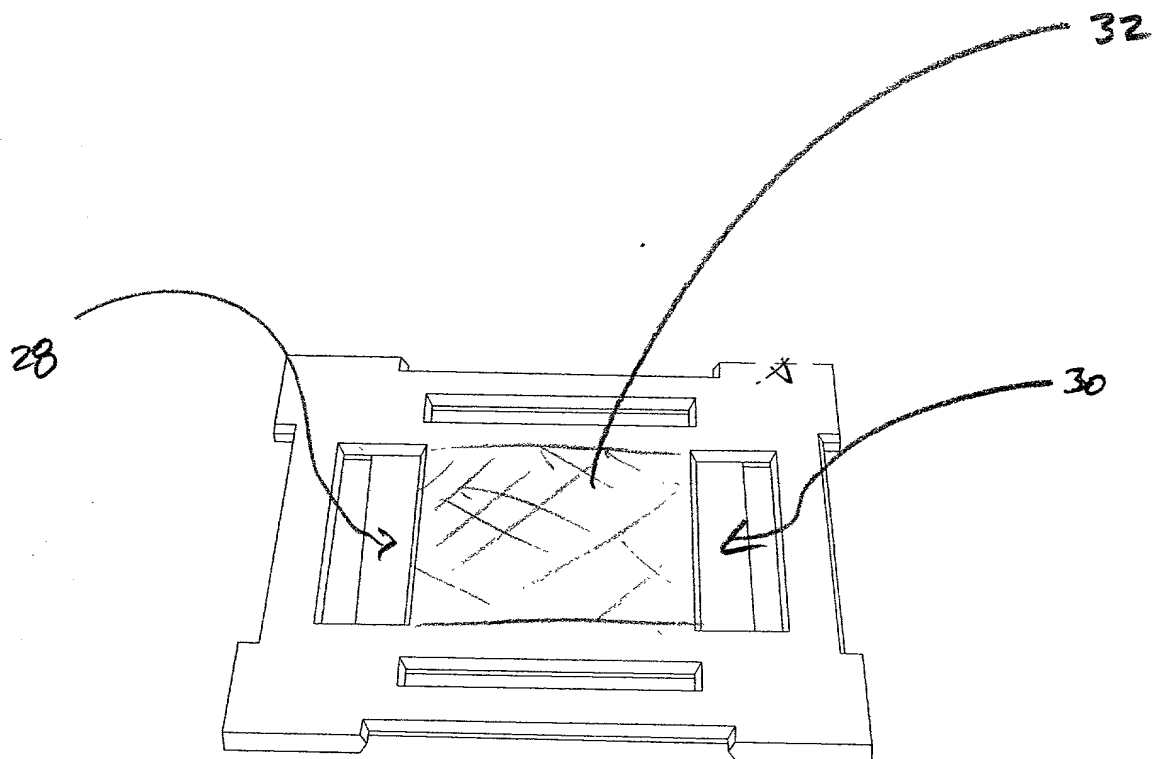


Fig. 4

09658327-051501
TOST50 2258560

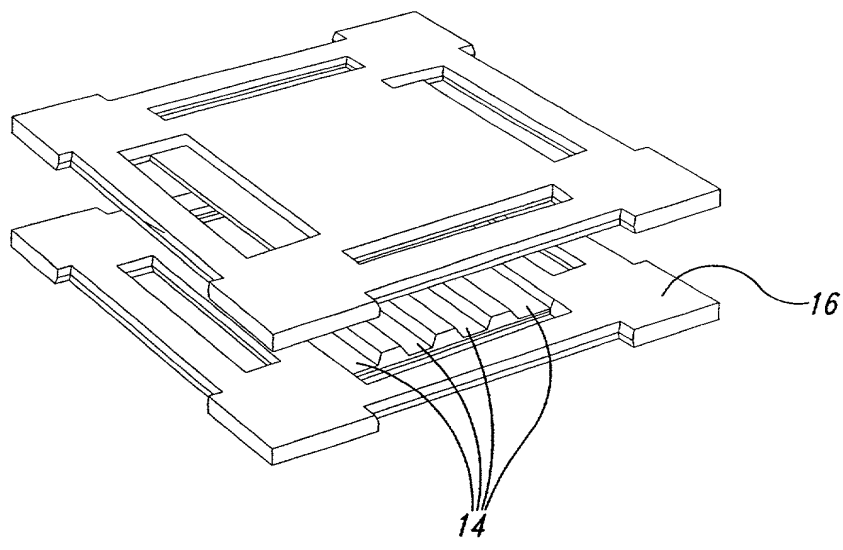


Fig. 5

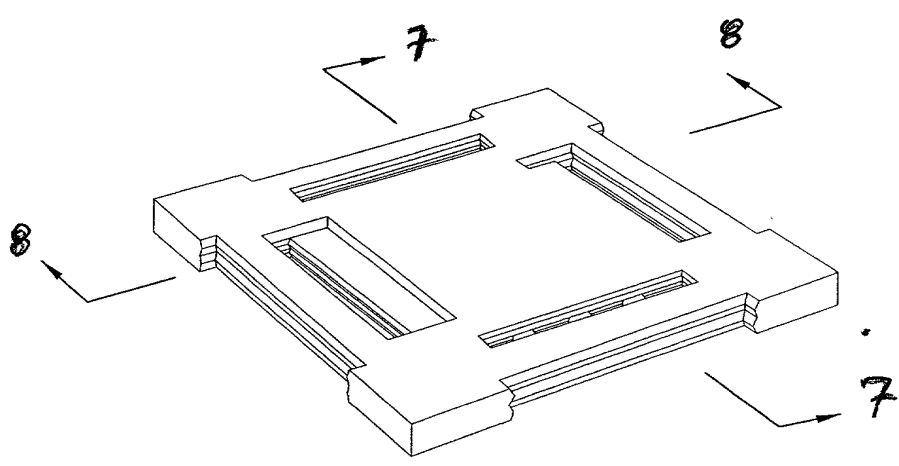


Fig. 6

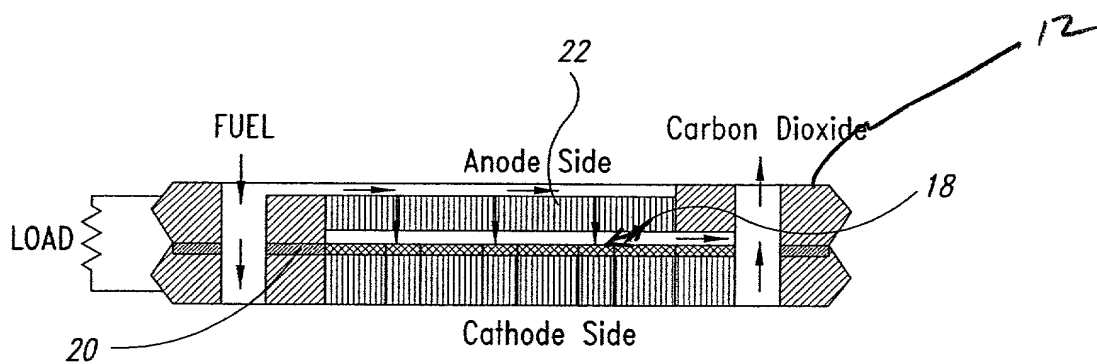


Fig. 7

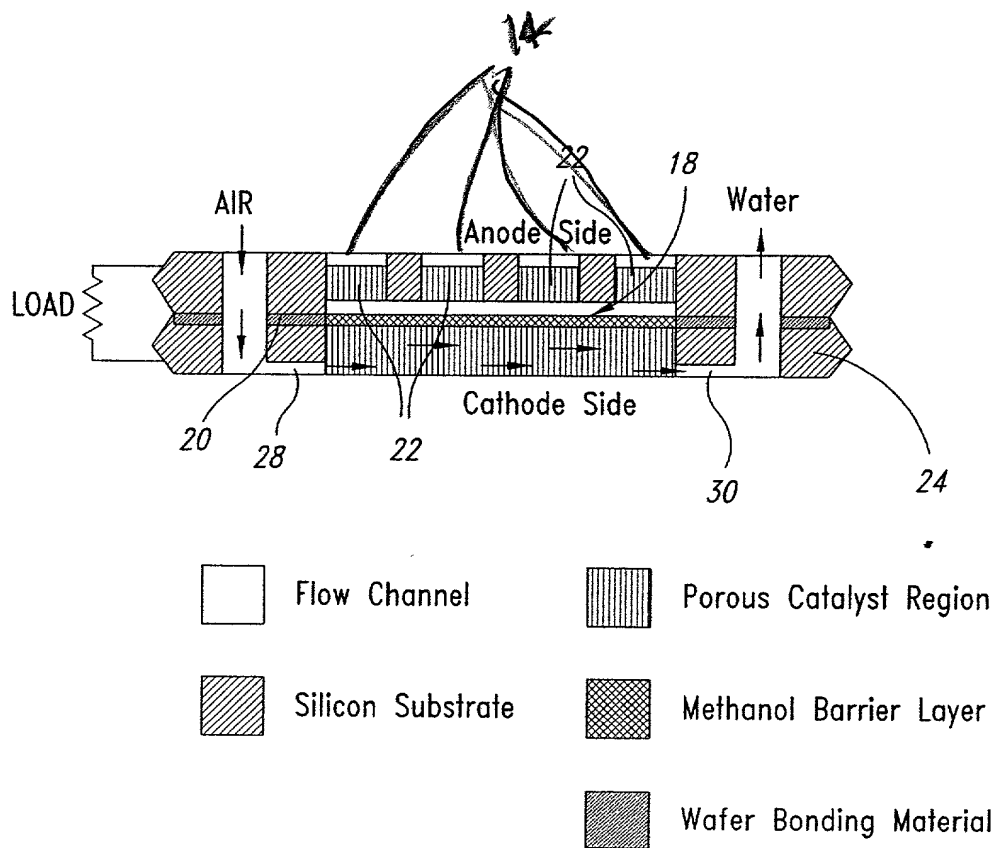
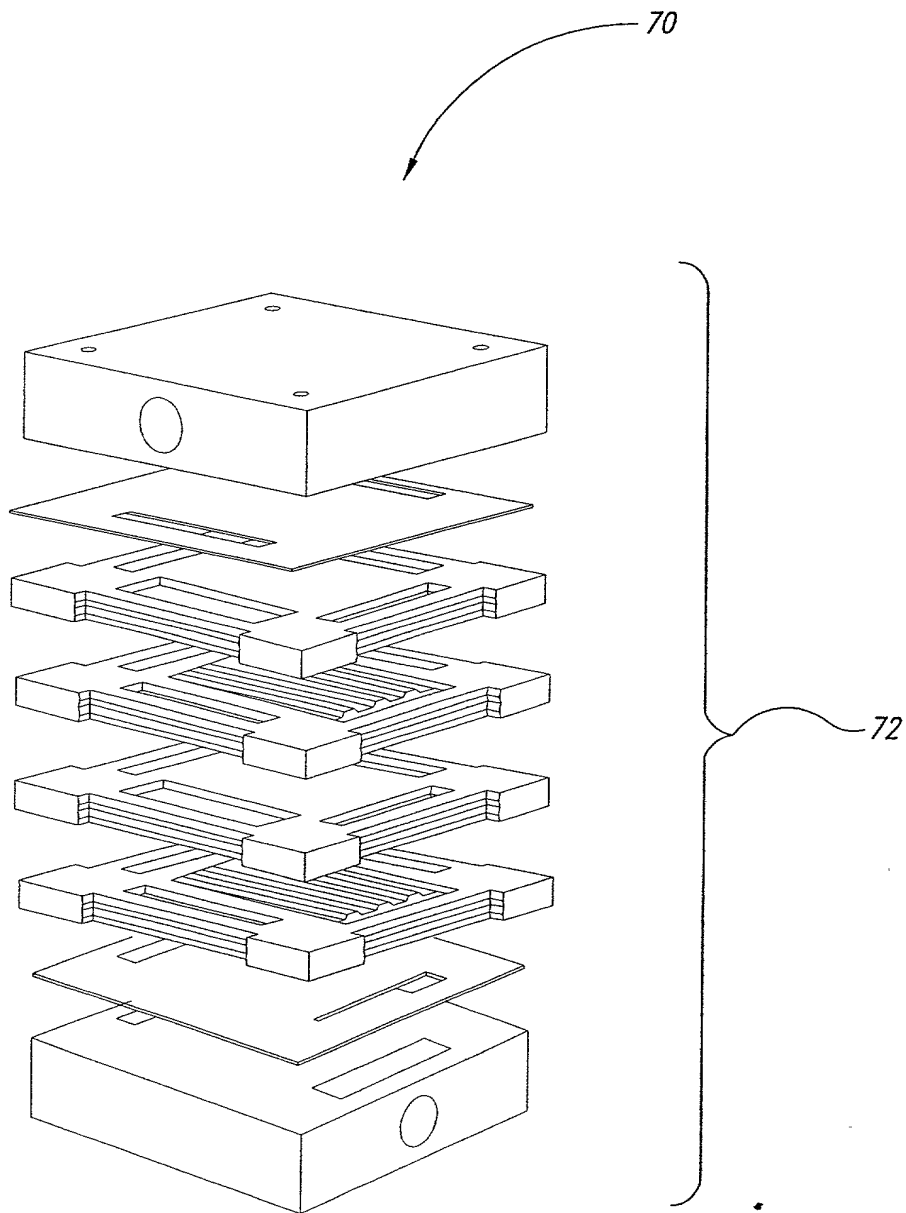


Fig. 8

Fig. 9



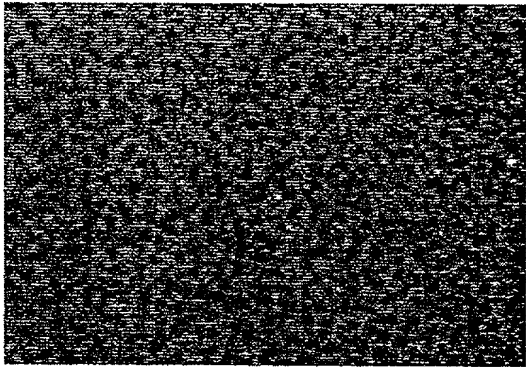


Fig 10A

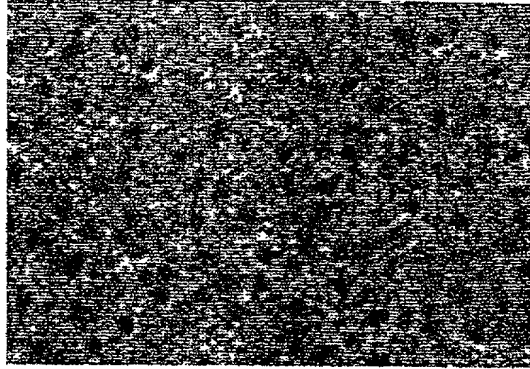


Fig 10B

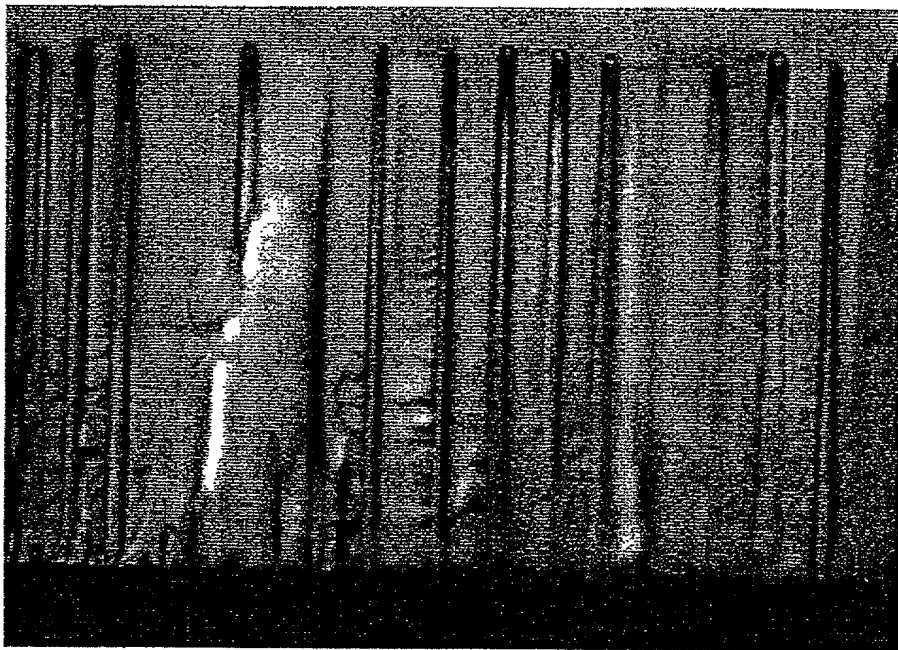


Fig 11

09858327-051501

A dark, grainy, black and white photograph showing a dense, textured surface, possibly a wall or a large object, with vertical lines suggesting structural elements or shadows. The image is very dark and noisy, with a high level of contrast between the black background and the white speckles. There are faint vertical lines running down the page, which could be shadows or structural elements of the scanned document. The overall appearance is that of a low-quality scan of a dark, textured surface.

A black and white micrograph showing a fracture surface. The surface is characterized by a series of parallel, diagonal ridges or striations that run from the bottom left towards the top right. A scale bar in the upper right corner indicates a length of 20 μm.

Fig. 13

09858327 054504

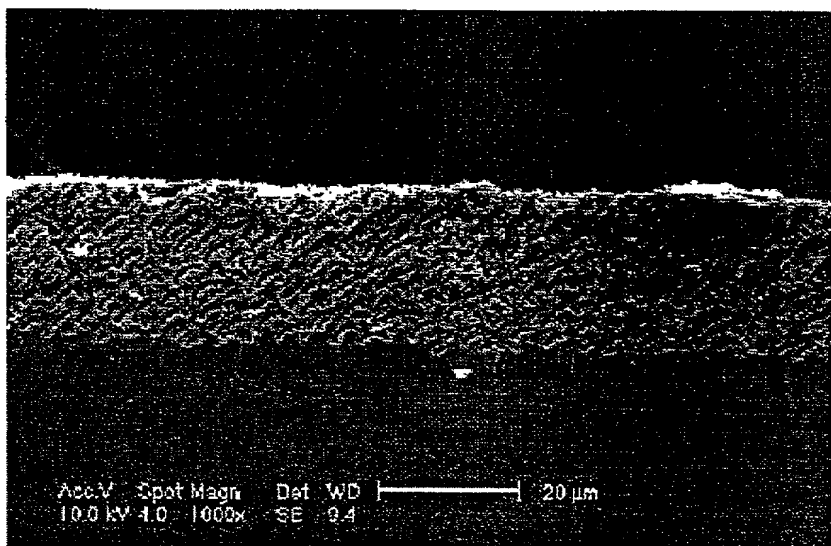


Fig. 14

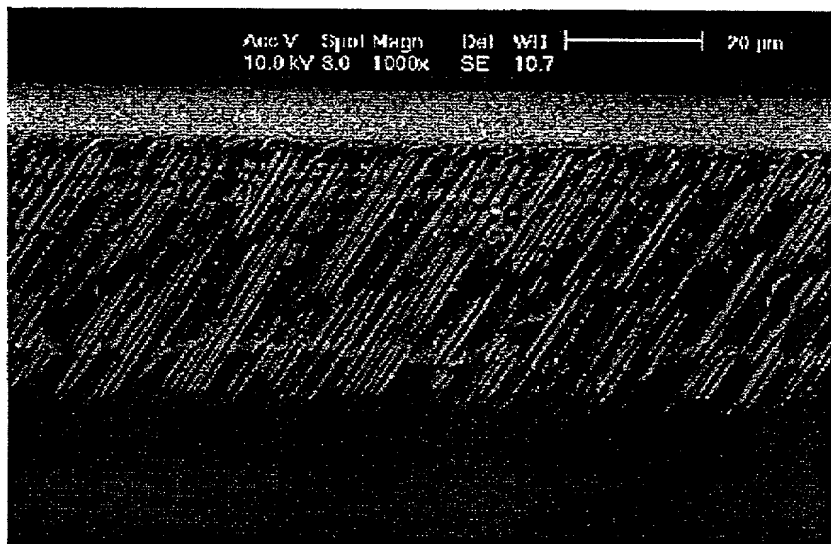


Fig. 15

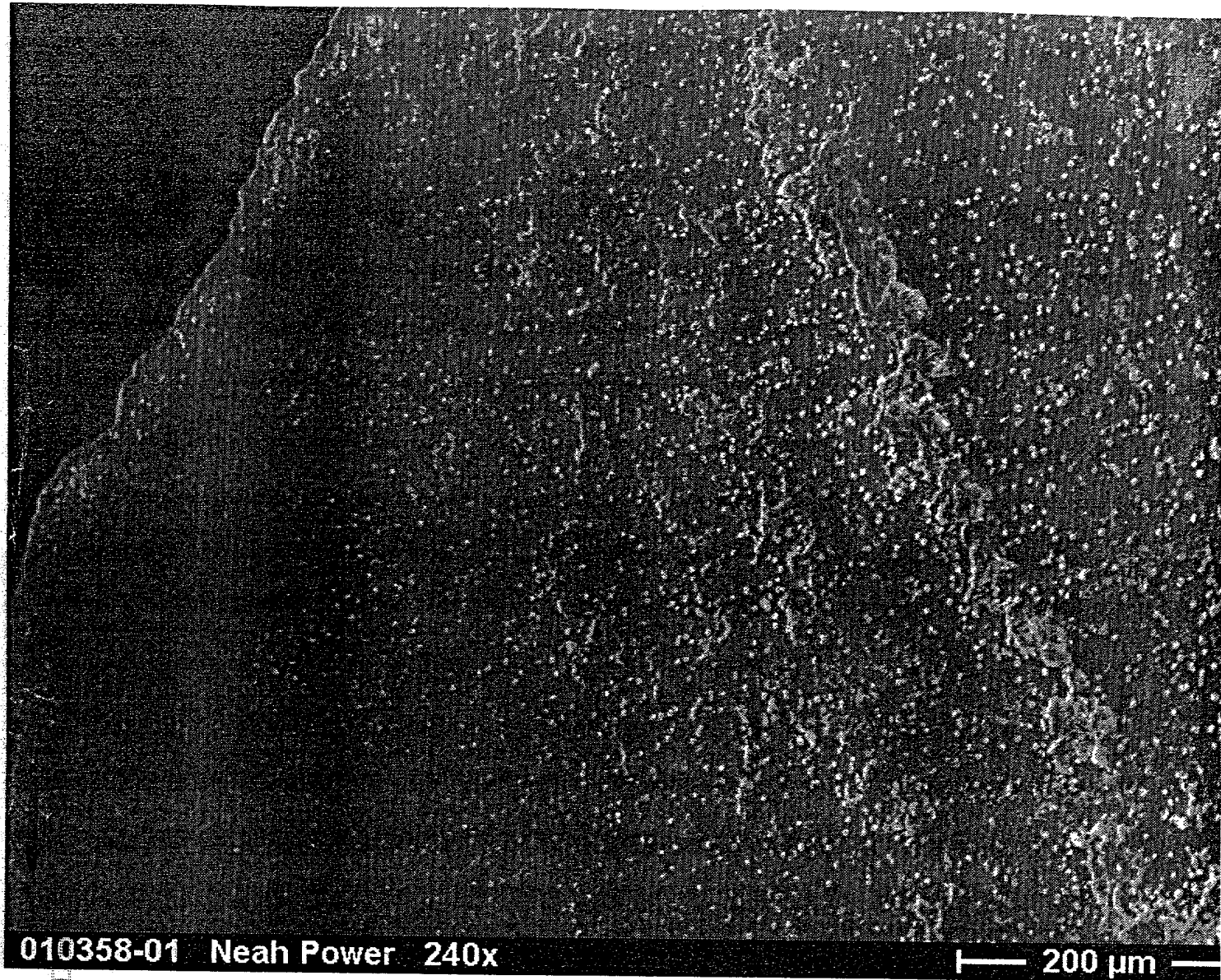


Fig. 1/2/6

09858327-054501

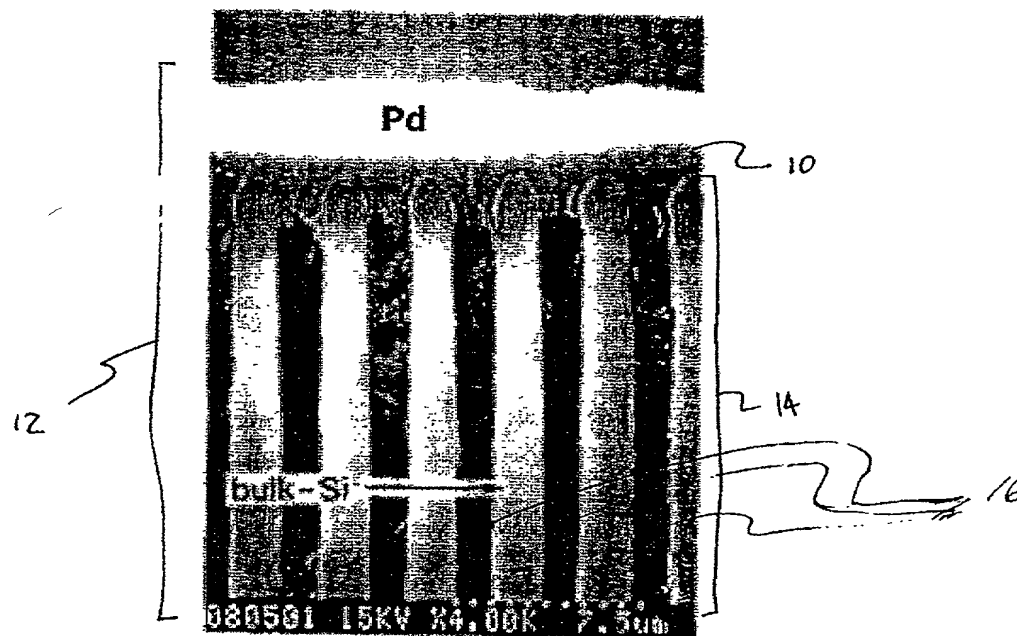
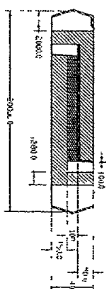
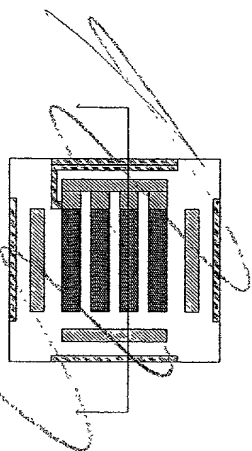
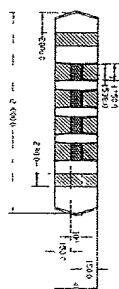
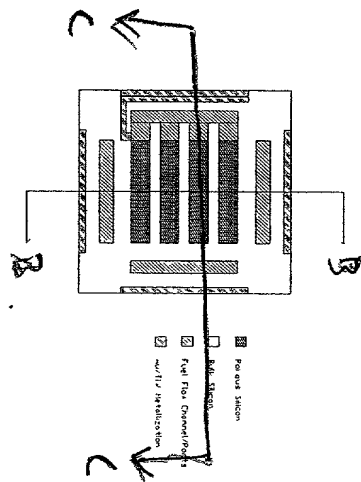


Figure ~~16~~ 17

18A-D

NEA10 - ANODE TOP VIEW



09858327 051501

19A-D

NEA10 - ANODE BOTTOM VIEW

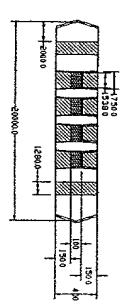
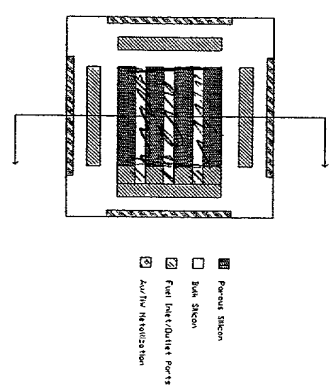


Fig 19B

Fig 19A
Cross Section A

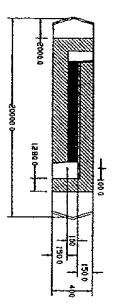
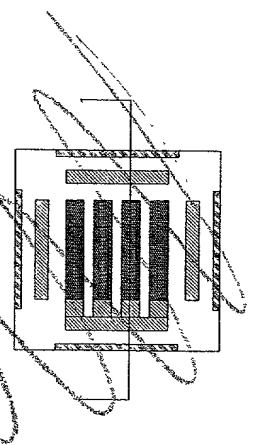


Fig 19C

Cross Section B

09858327 0001501

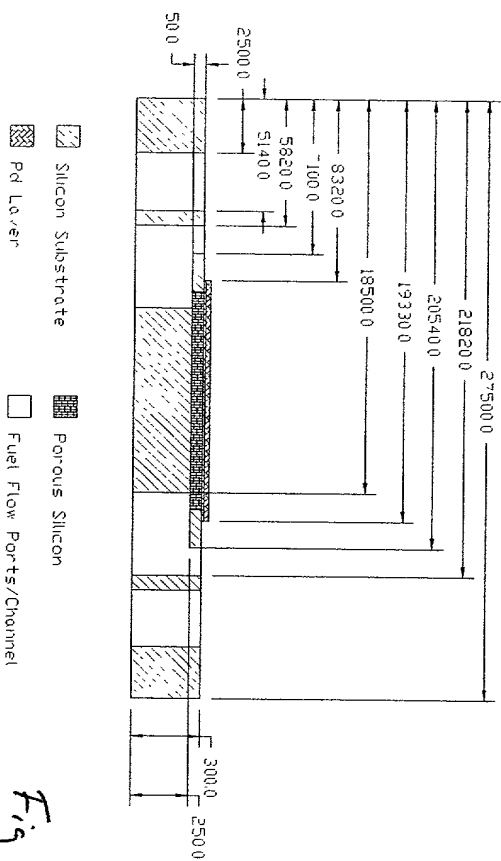


Fig 21

21

Fig 21

69858327-054504

DATA FROM BOX 100

POSTED 22222222

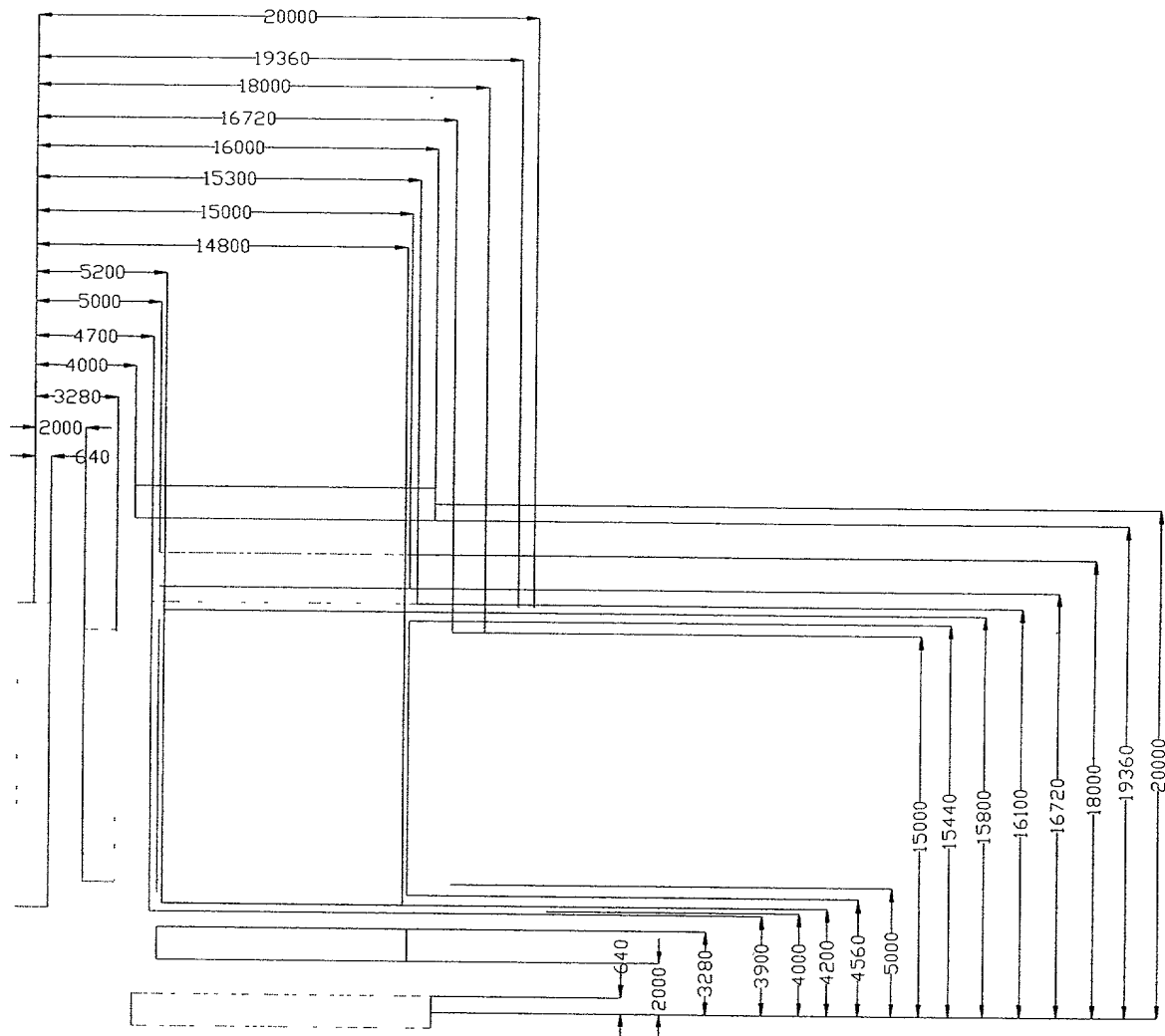
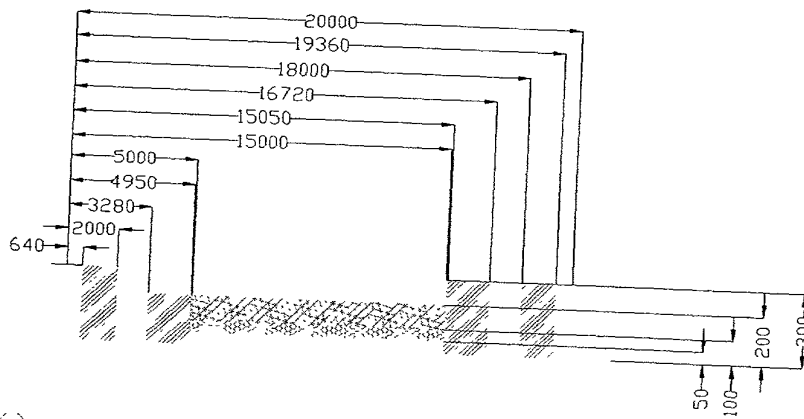


Fig 22A

Top View of X, Y, Z, S, A, B



8.1
 8.2
 8.3
 8.4
 8.5
 8.6
 8.7
 8.8
 8.9
 9.0
 9.1
 9.2
 9.3
 9.4
 9.5
 9.6
 9.7
 9.8
 9.9
 10.0

See View

Fig. 22B

1051110 2228860

2051591 22633650

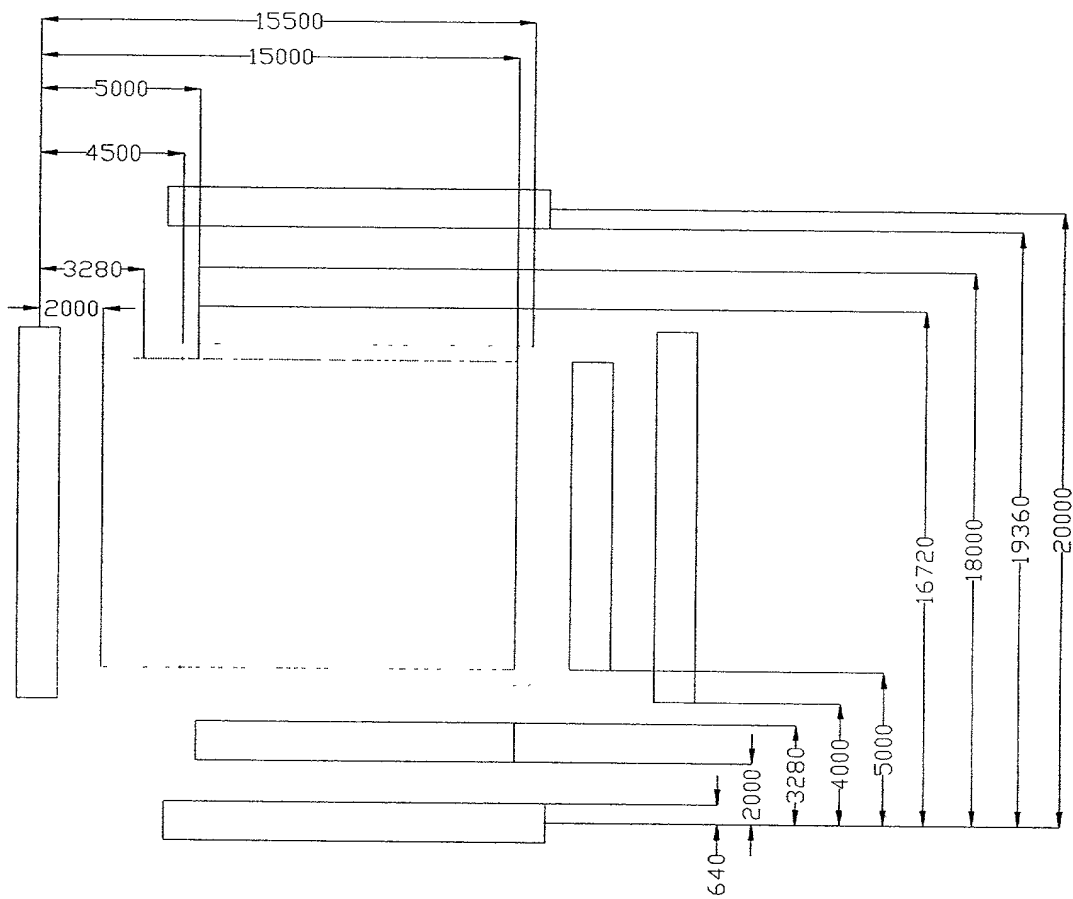
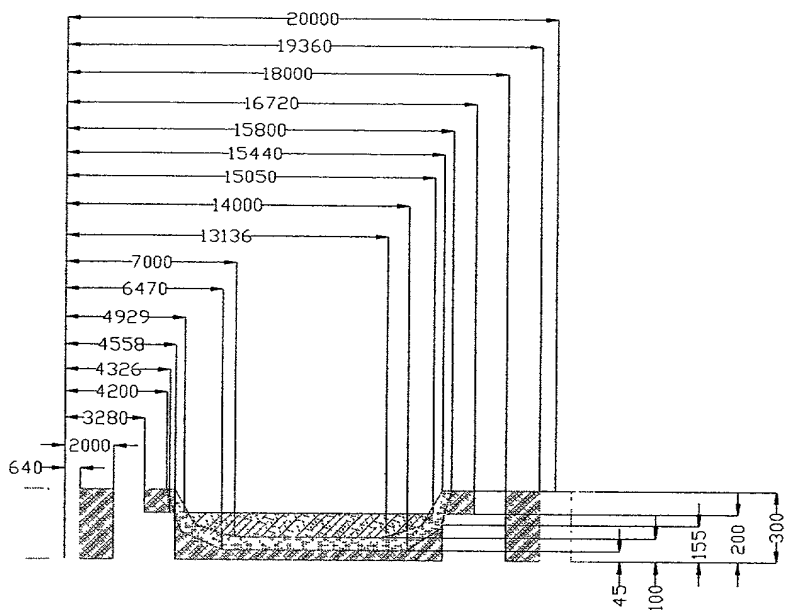


Fig. 22C

103747 2283860



- 1. 10000
- 2. 10000
- 3. 10000
- 4. 10000
- 5. 10000
- 6. 10000
- 7. 10000
- 8. 10000
- 9. 10000
- 10. 10000
- 11. 10000
- 12. 10000
- 13. 10000
- 14. 10000
- 15. 10000
- 16. 10000
- 17. 10000
- 18. 10000
- 19. 10000
- 20. 10000

Fig. 22P

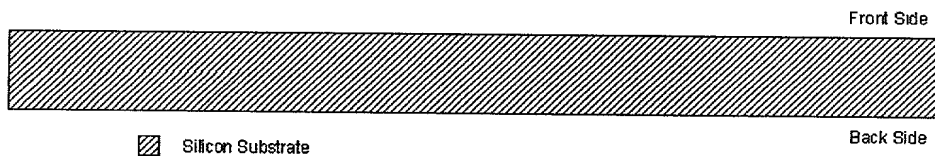


Figure 23

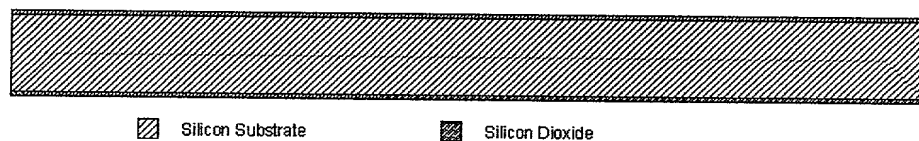


Figure 24

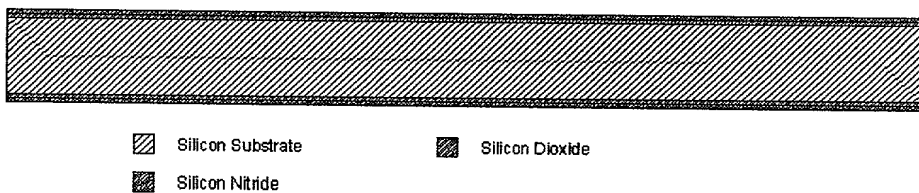


Figure 25

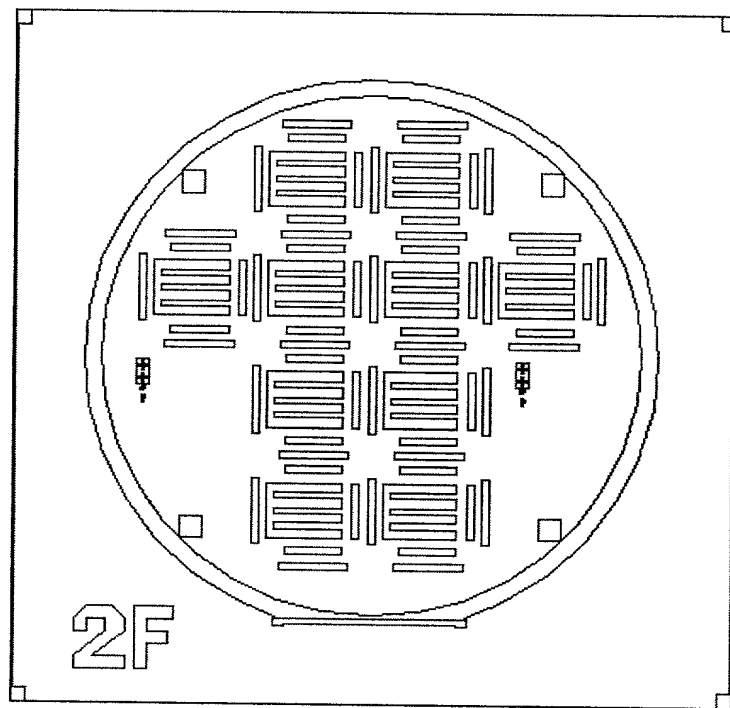
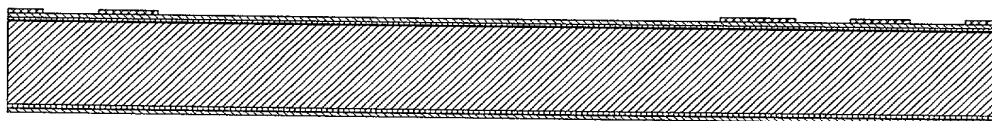
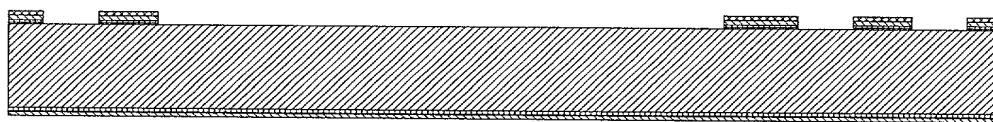


Figure 26A



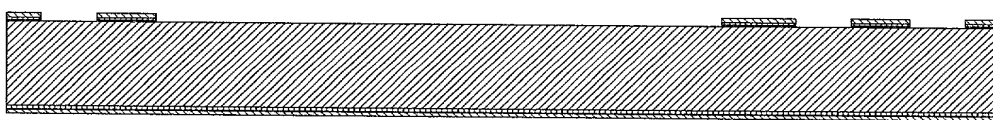
- | | |
|---|---|
|  Silicon Substrate |  Photoresist |
|  Silicon Nitride |  Silicon Dioxide |

Figure 26B



- | | |
|---|---|
|  Silicon Substrate |  Photoresist |
|  Silicon Nitride |  Silicon Dioxide |

Figure 27



- | | |
|---|---|
|  Silicon Substrate |  Silicon Dioxide |
|  Silicon Nitride | |

Figure 28

FIG. 29A

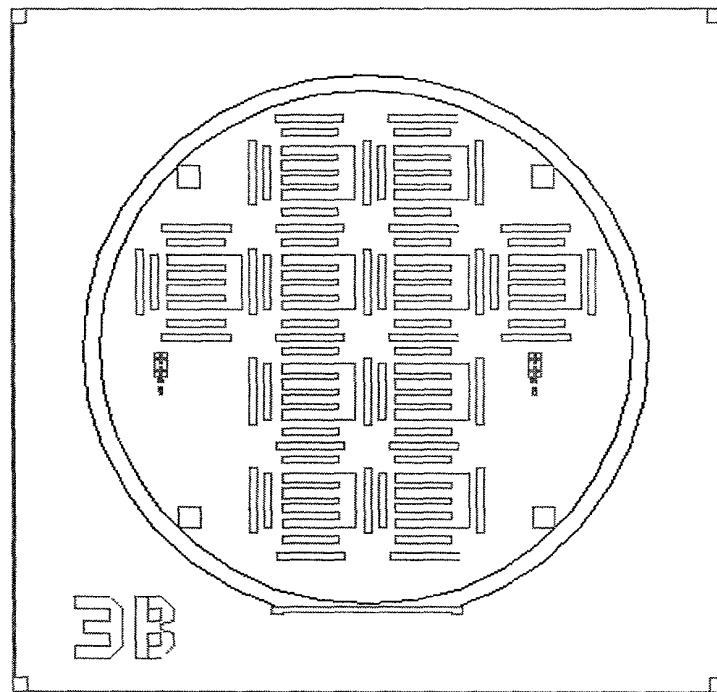
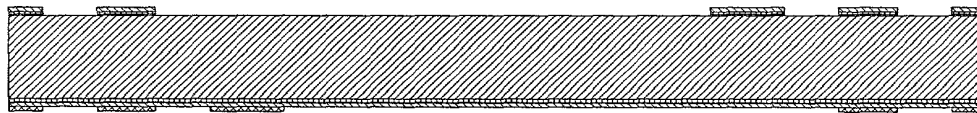


Figure 29A



- | | |
|---|---|
|  Silicon Substrate |  Silicon Dioxide |
|  Silicon Nitride |  Photoresist |

Figure 29B

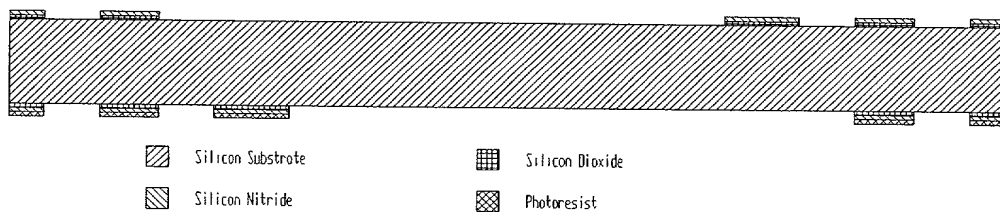


Figure 30

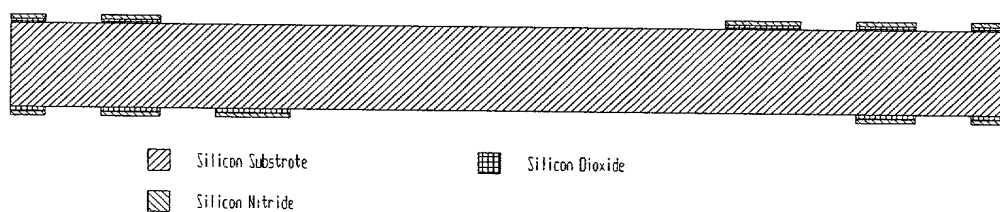


Figure 31

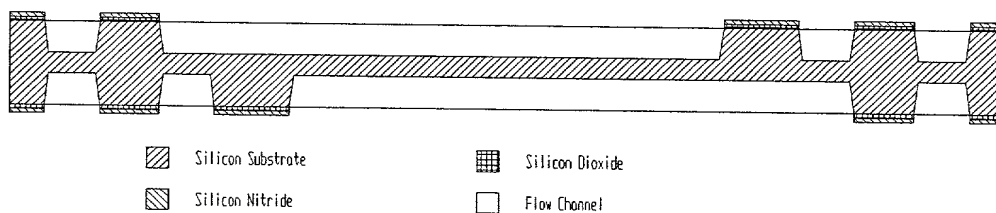


Figure 32

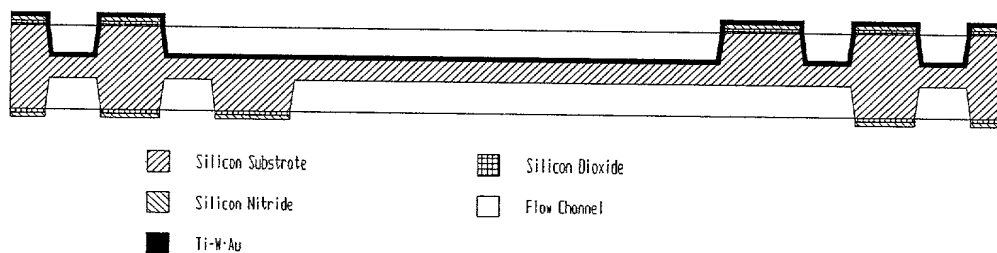


Figure 33

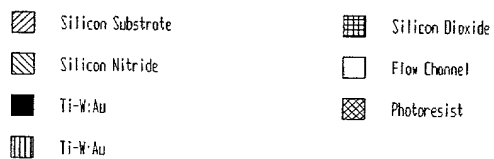


Figure 35

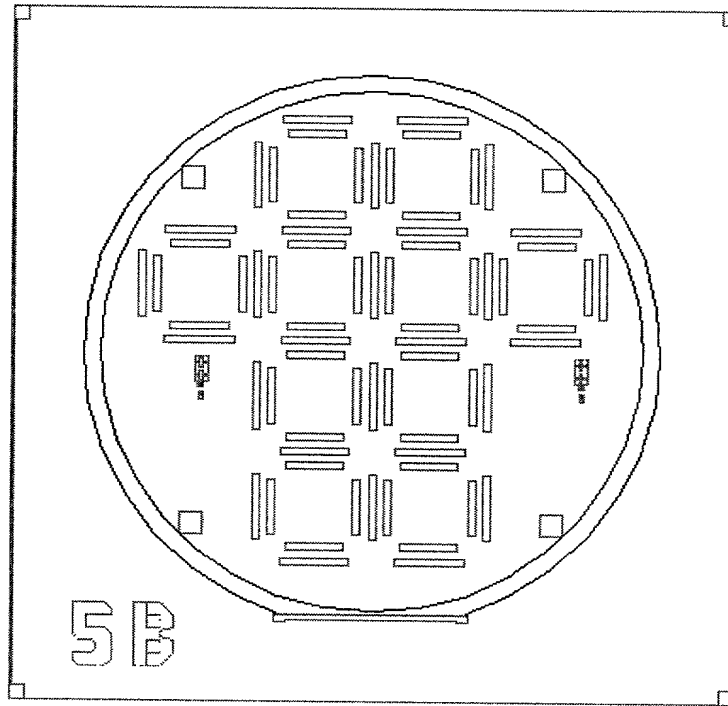
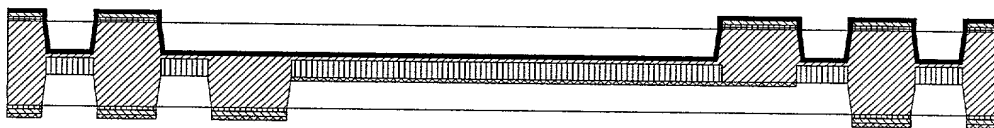


Figure 36A










- | | |
|---|---|
|  Silicon Substrate |  Silicon Dioxide |
|  Silicon Nitride |  Flow Channel |
|  Ti-W:Au |  Photoresist |
|  Ti-W:Au | |

Figure 36B

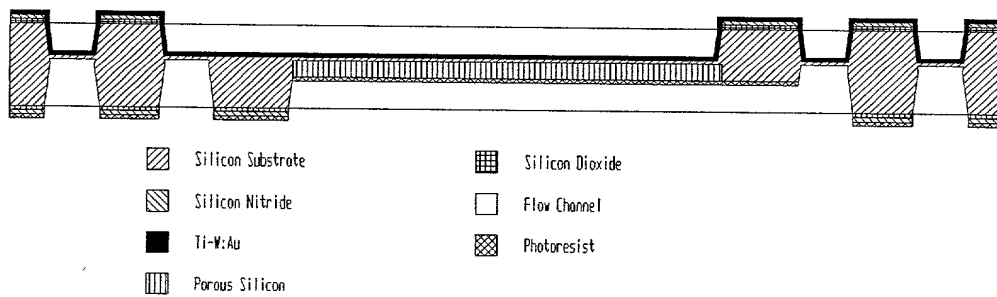


Figure 37

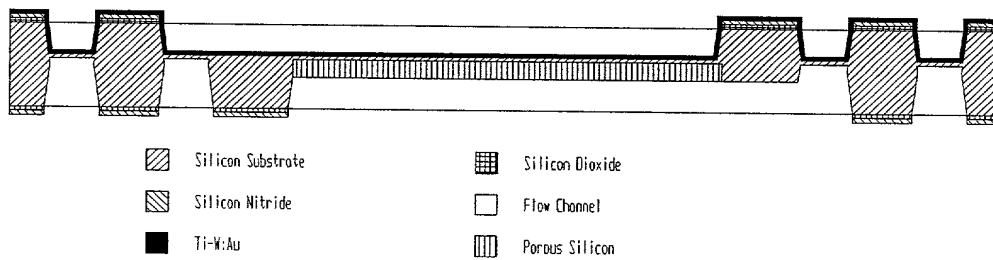


Figure 38

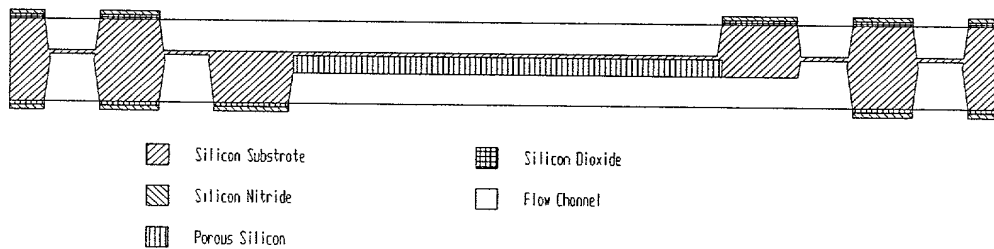


Figure 39

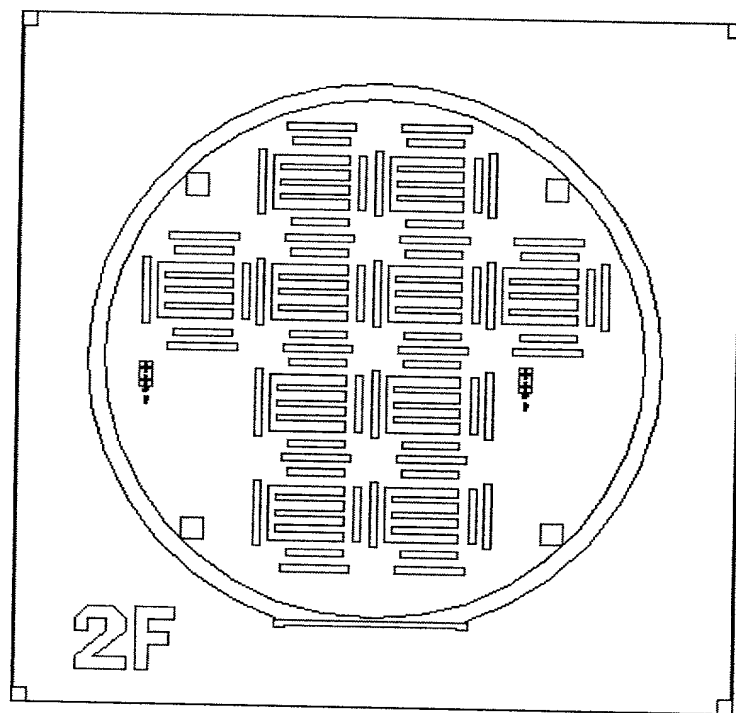


Figure 40A

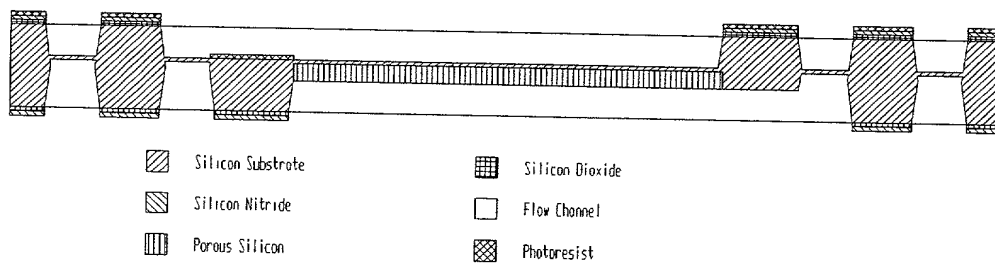


Figure 40B

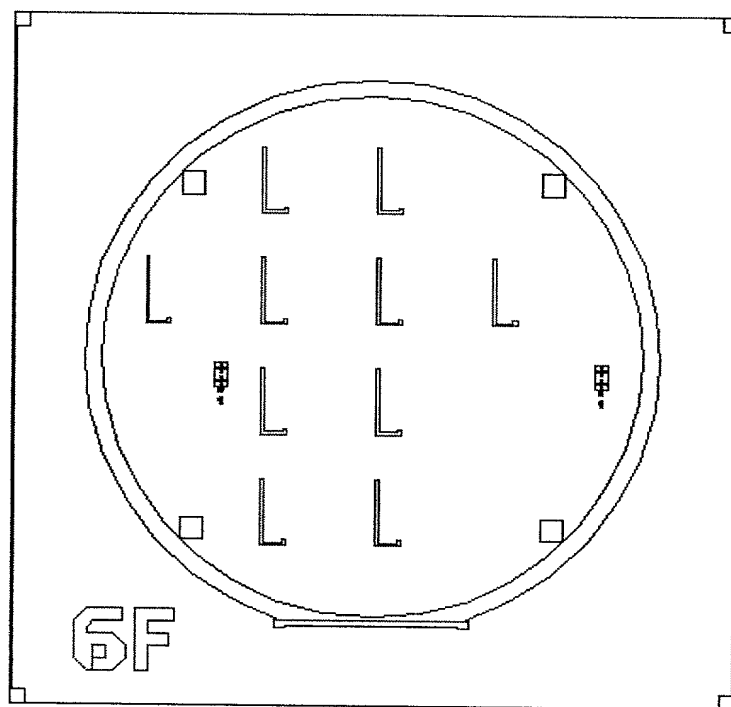


Figure 43A

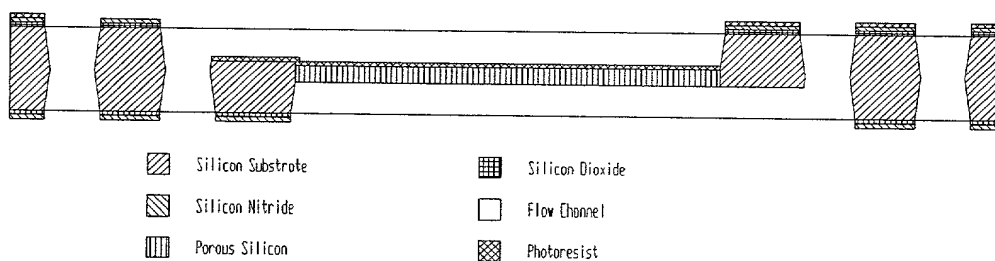


Figure 43B

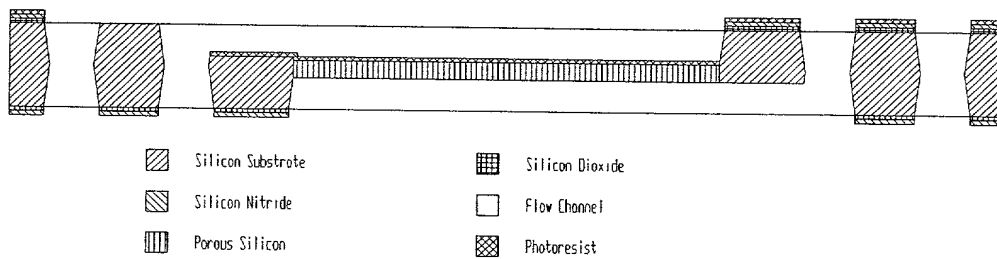


Figure 44

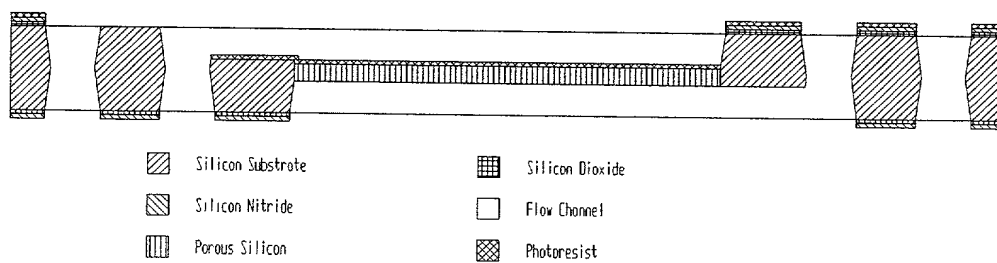


Figure 45

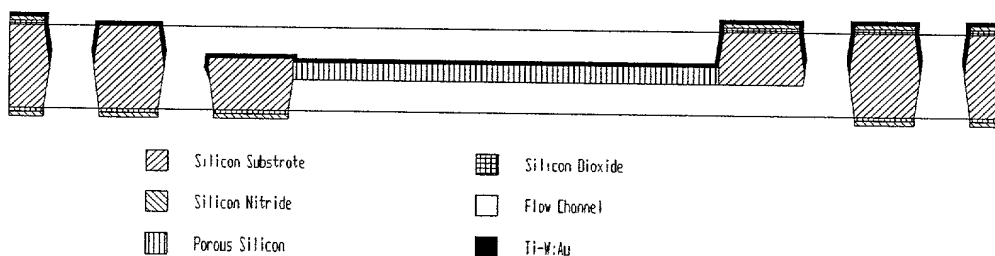


Figure 46

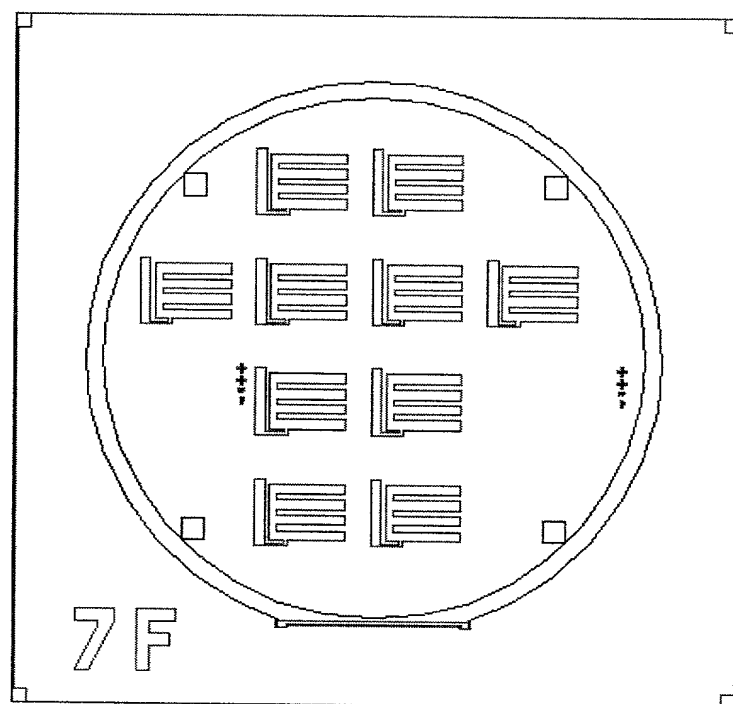


Figure 47A

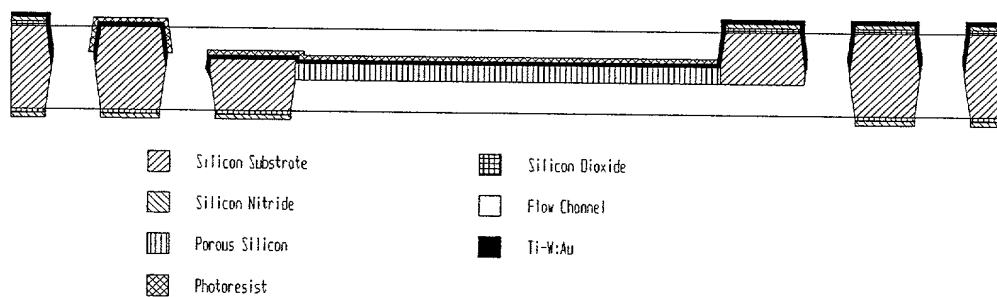


Figure 47B

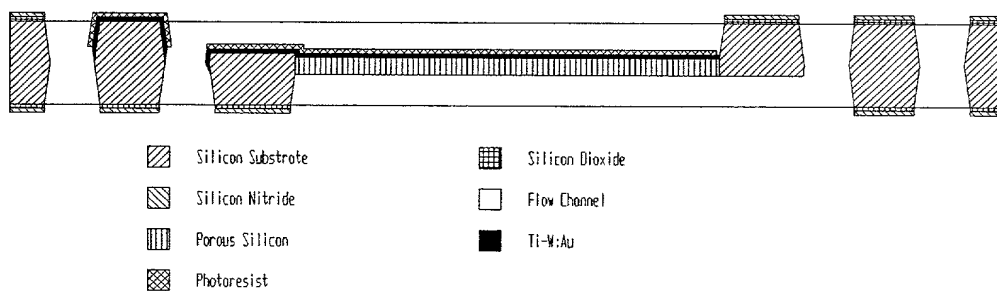


Figure 48

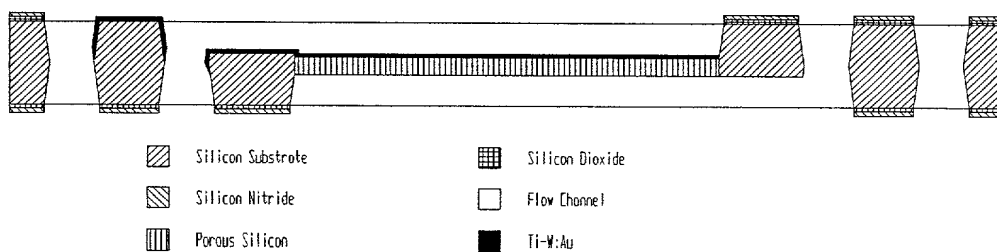


Figure 49

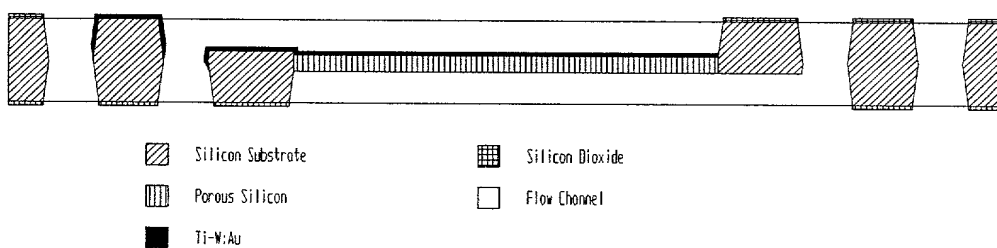


Figure 50

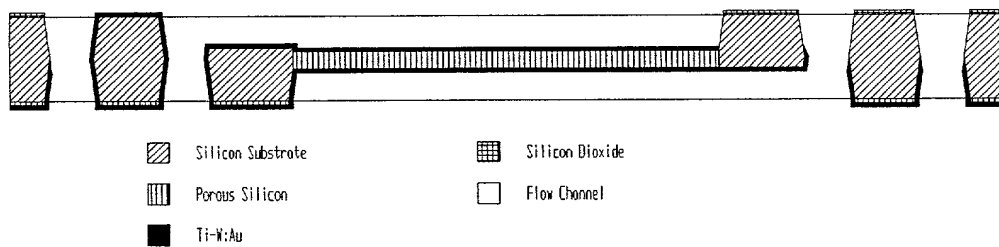


Figure 51

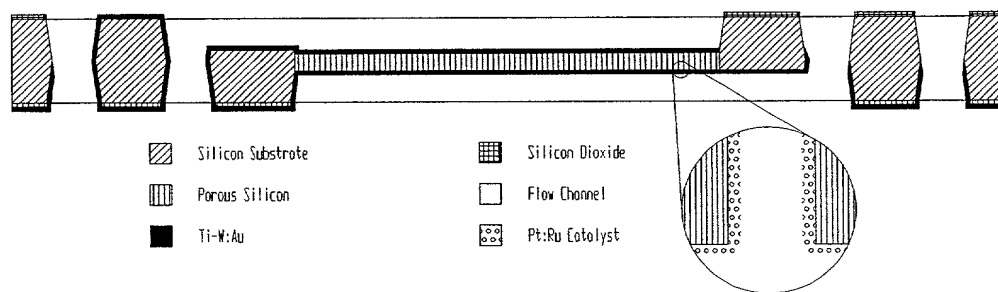


Figure 52

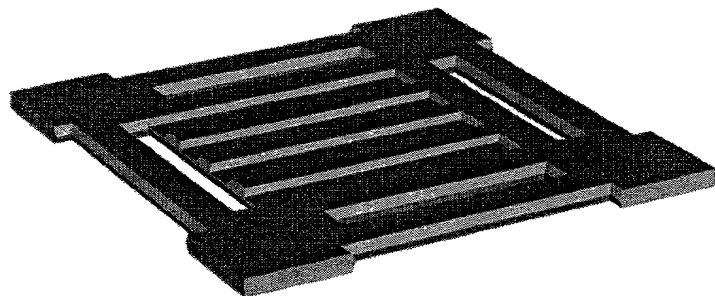


Figure 53A

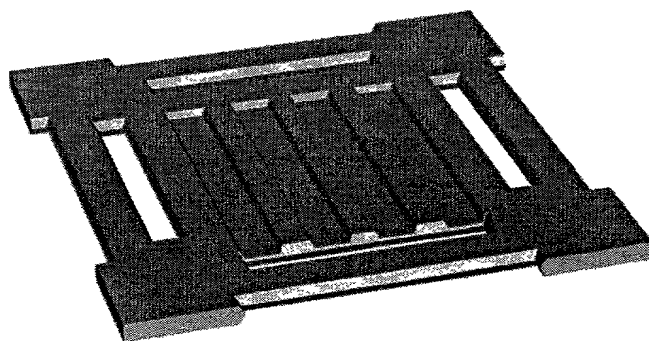
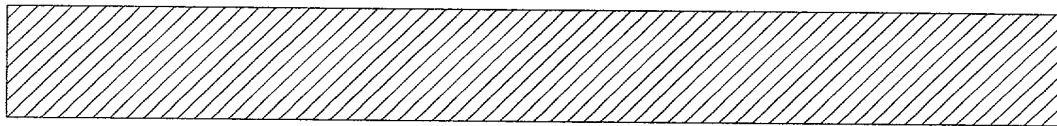


Figure 53B

09853327-0154104




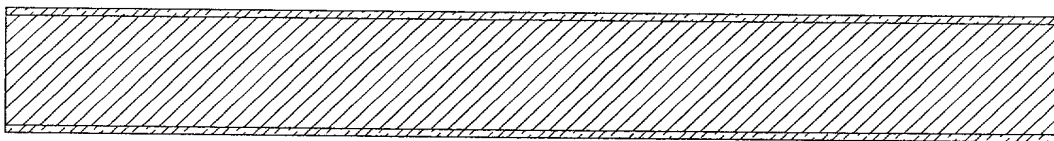

 Silicon Substrate

Figure 54



 Silicon Substrate

 Silicon Nitride

Figure 55

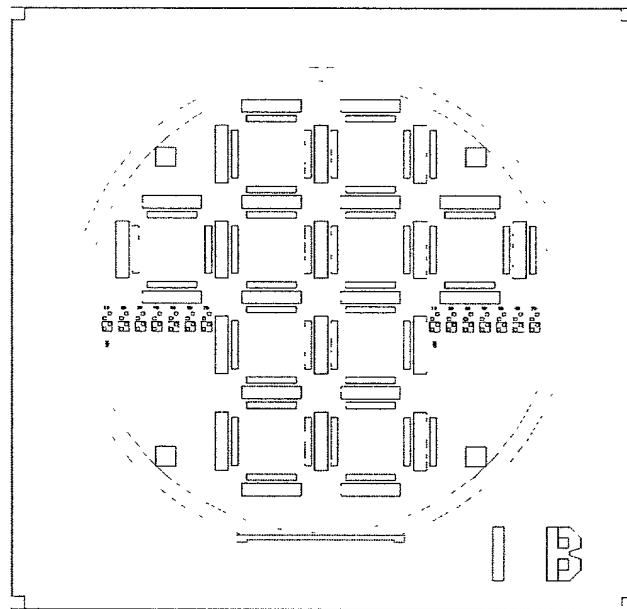
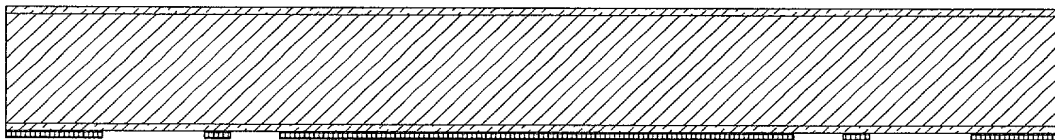


Figure 56A






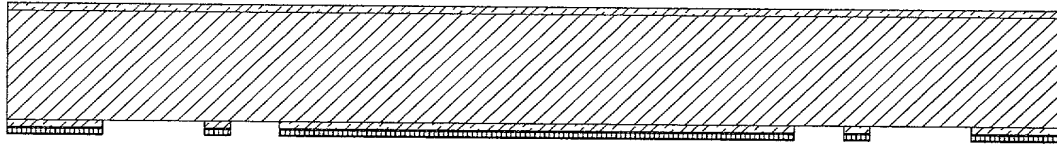
-  Silicon Substrate
-  Silicon Nitride
-  Photo Resists

Figure 56B






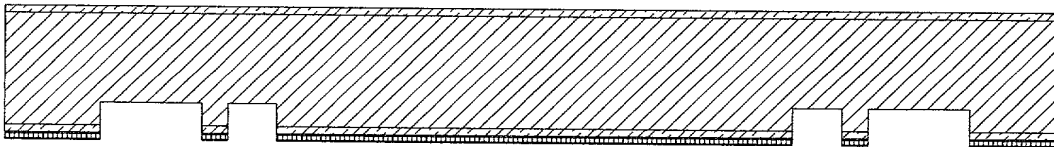
-  Silicon Substrate
-  Silicon Nitride
-  Photo Resists

Figure 57






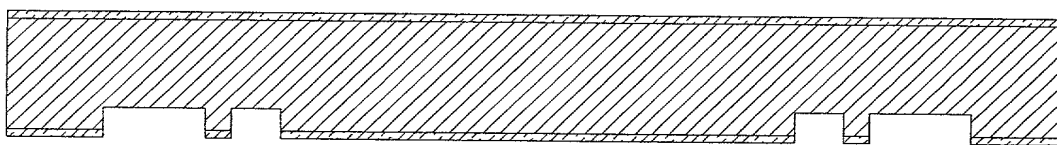
-  Silicon Substrate
-  Silicon Nitride
-  Photo Resists

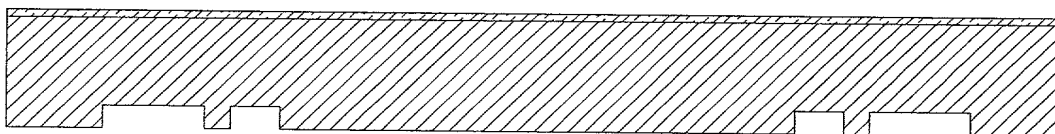
Figure 58



□ Silicon Substrate

▨ Silicon Nitride

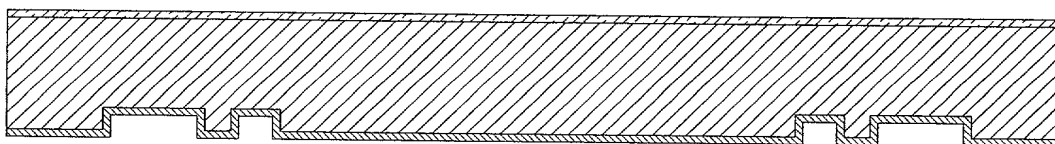
Figure 59



□ Silicon Substrate

▨ Silicon Nitride

Figure 60



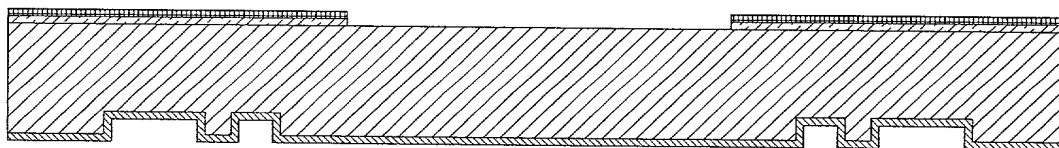
□ Silicon Substrate

▨ Silicon Nitride

▩ Aluminum Contact

Figure 61

- Figure 62B***







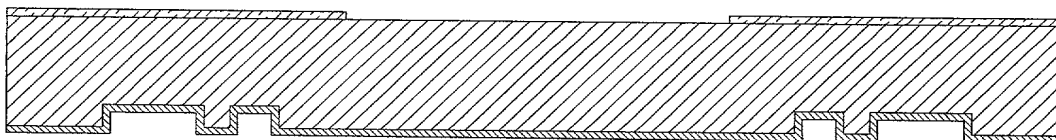
-  Silicon Substrate
-  Photo Resists
-  Silicon Nitride
-  Aluminum Contact

Figure 63






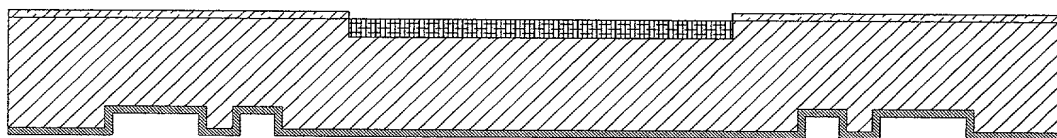
-  Silicon Substrate
-  Silicon Nitride
-  Aluminum Contact

Figure 64

0958327 054504







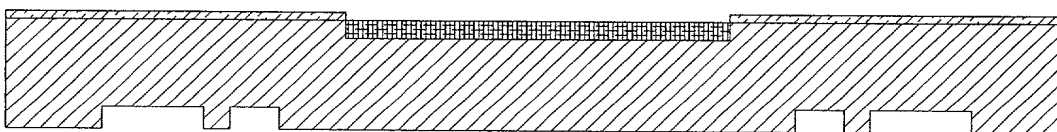
- | | | | |
|---|-------------------|---|----------------|
|  | Silicon Substrate |  | Porous Silicon |
|  | Silicon Nitride | | |
|  | Aluminum Contact | | |

Figure 65






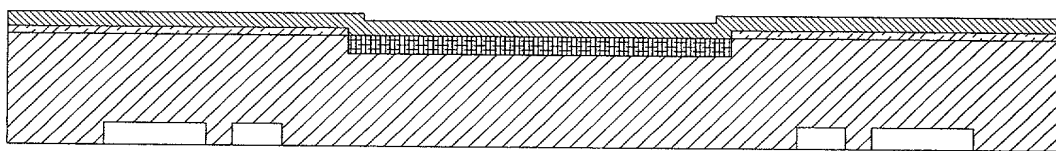
- | | | | |
|---|-------------------|---|----------------|
|  | Silicon Substrate |  | Porous Silicon |
|  | Silicon Nitride | | |

Figure 66







- | | |
|---|--|
|  Silicon Substrate |  Aluminum Contact |
|  Silicon Nitride |  Porous Silicon |

Figure 67

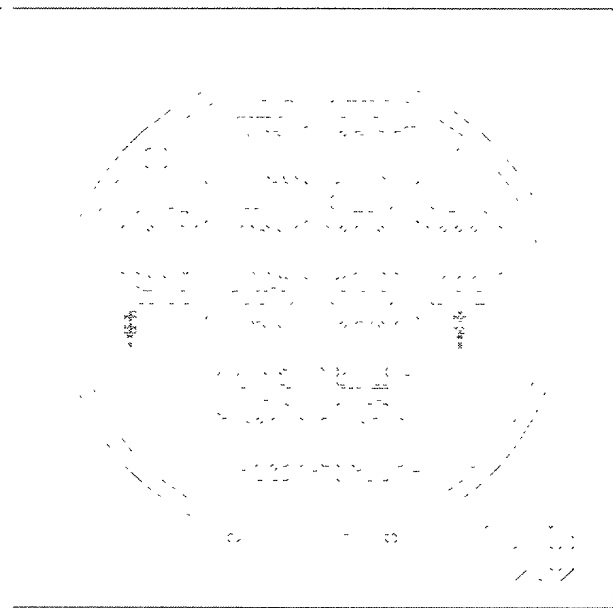
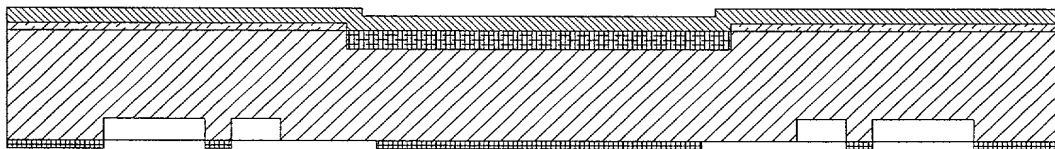


Figure 68A








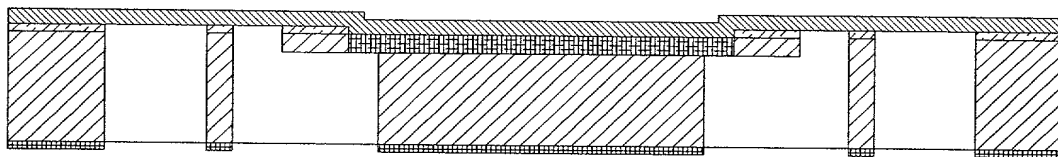
- | | |
|---|--|
|  Silicon Substrate |  Aluminum Contact |
|  Silicon Nitride |  Porous Silicon |
|  Photo Resists | |

Figure 68B








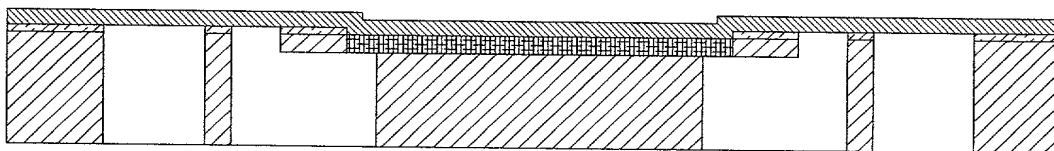
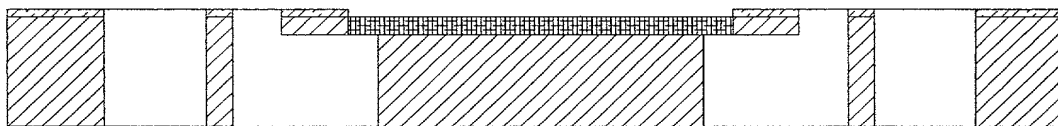
- | | |
|---|--|
|  Silicon Substrate |  Aluminum Contact |
|  Silicon Nitride |  Porous Silicon |
|  Photo Resists | |

Figure 6A



- | | |
|---|--|
|  Silicon Substrate |  Aluminum Contact |
|  Silicon Nitride |  Porous Silicon |

Figure 70






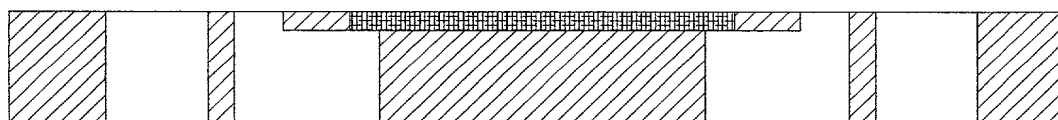
 Silicon Substrate  Porous Silicon
 Silicon Nitride

Figure 71





 Silicon Substrate
 Porous Silicon

Figure 72

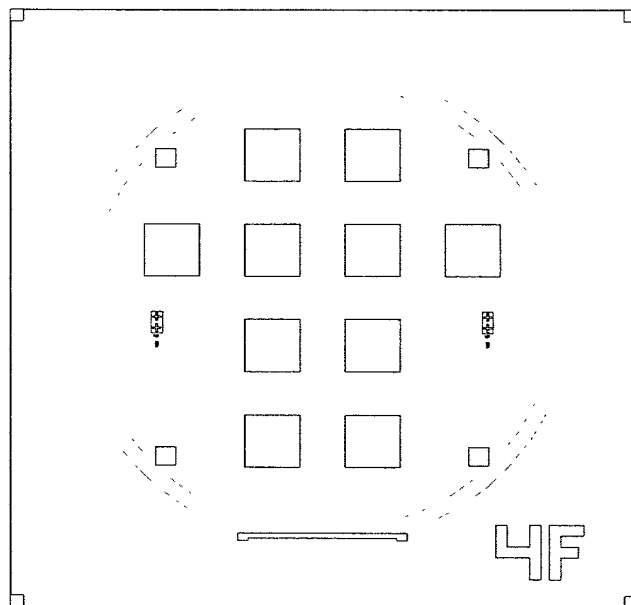
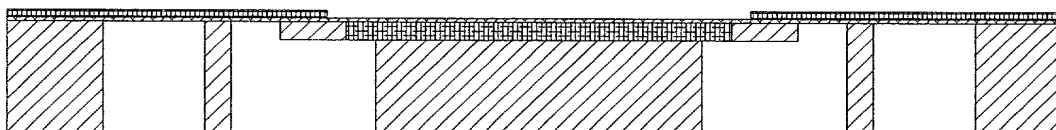


Figure 74A







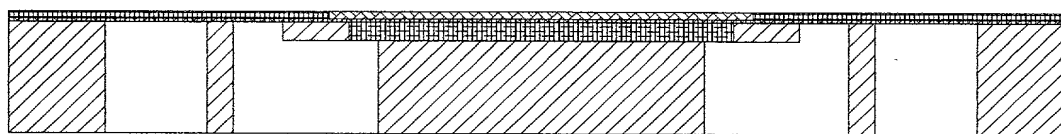
- | | | | |
|---|-------------------|---|----------------|
|  | Silicon Substrate |  | Photo Resists |
|  | Metal Seed Layer |  | Porous Silicon |

Figure 74B







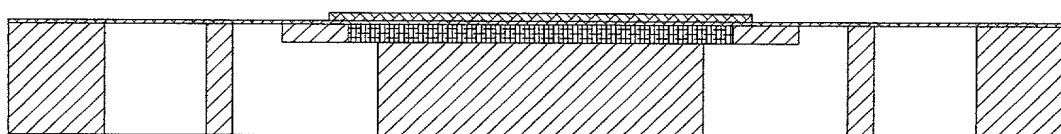
- | | |
|---|--|
|  Silicon Substrate |  Photo Resists |
|  Pd Layer |  Porous Silicon |

Figure 75






- | | |
|---|--|
|  Silicon Substrate |  Porous Silicon |
|  Pd Layer | |

Figure 76

09858327-051504

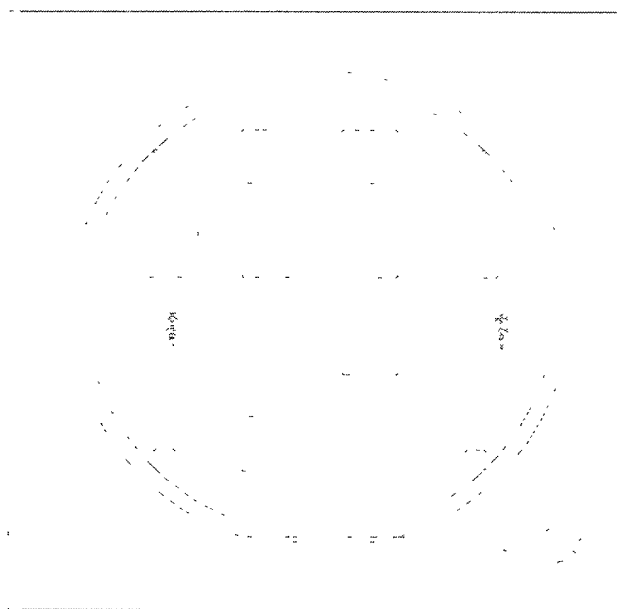
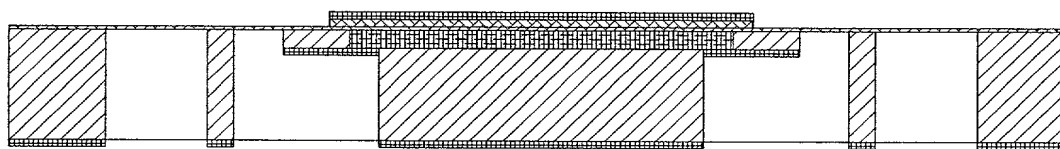
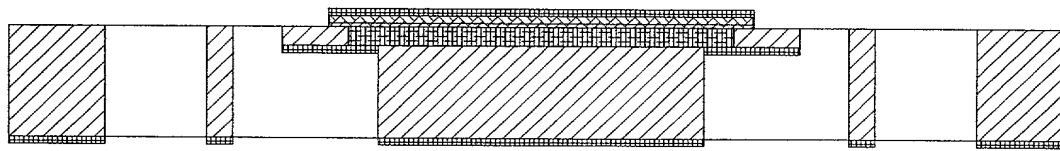


Figure 77A



- | | |
|---|--|
|  Silicon Substrate |  Porous Silicon |
|  Pd Layer |  Photo Resists |

Figure 77B







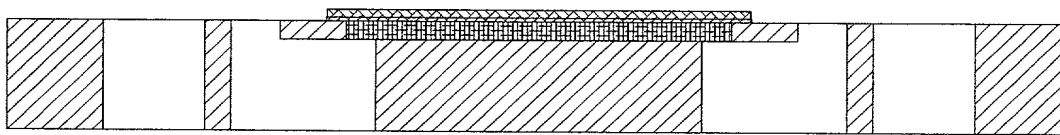
 Silicon Substrate	 Porous Silicon
 Pd Layer	 Photo Resists

Figure 78






 Silicon Substrate	 Porous Silicon
 Pd Layer	

Figure 79

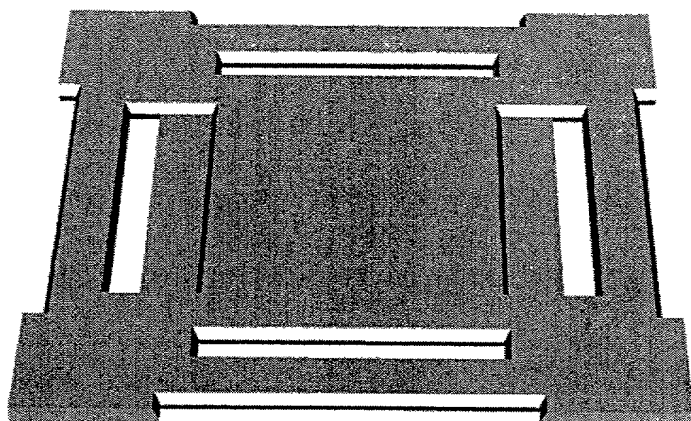


Fig. 80A

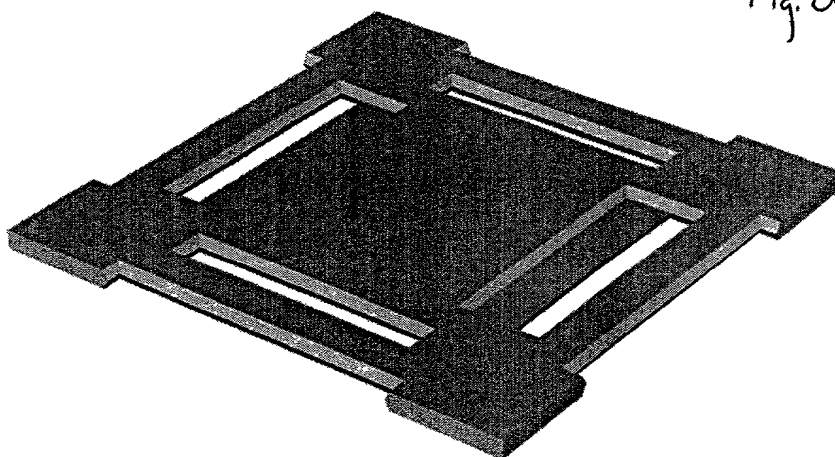


Fig. 80B

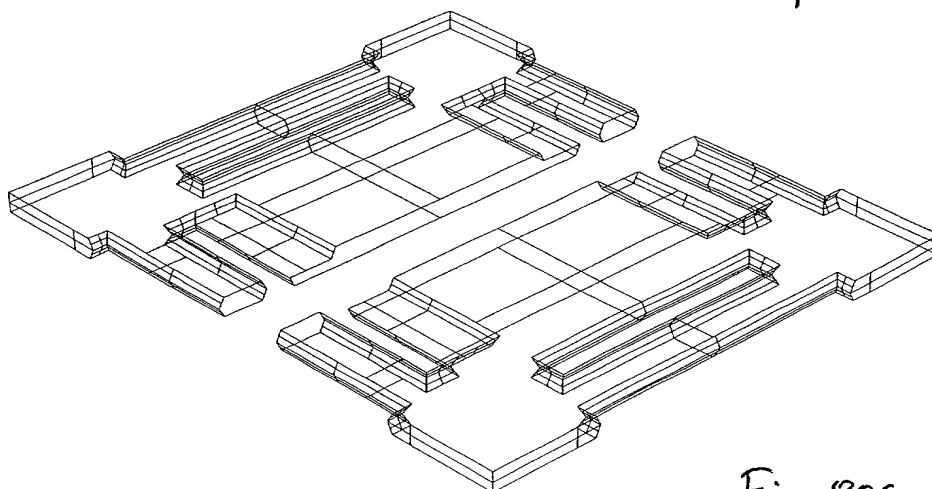
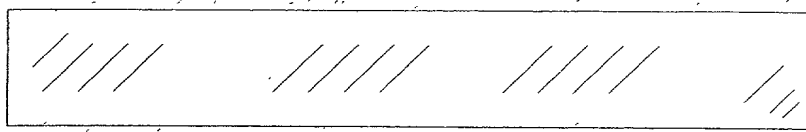
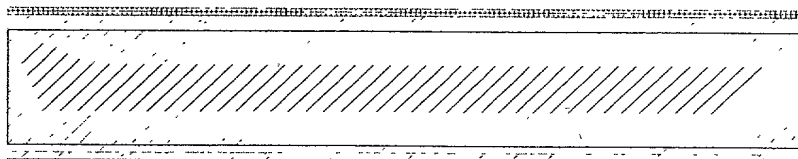


Fig. 80C



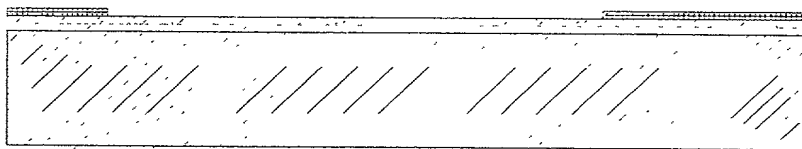
- | | |
|---|---|
| <input type="checkbox"/> Silicon Oxide | <input checked="" type="checkbox"/> Silicon Nitride |
| <input checked="" type="checkbox"/> Silicon Substrate | |

Fig. 81



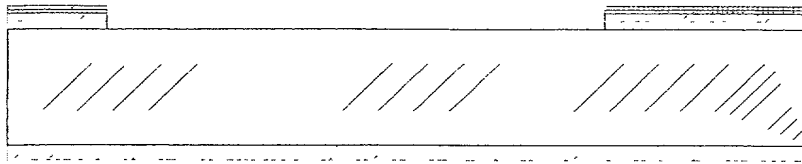
- | | |
|--|---|
| <input type="checkbox"/> Silicon Oxide | <input checked="" type="checkbox"/> Silicon Nitride |
| <input type="checkbox"/> Silicon Substrate | <input checked="" type="checkbox"/> Photore resist |

Fig. 82



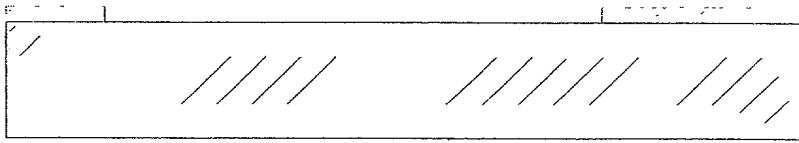
- | | |
|--|---|
| <input type="checkbox"/> Silicon Oxide | <input checked="" type="checkbox"/> Silicon Nitride |
| <input type="checkbox"/> Silicon Substrate | <input checked="" type="checkbox"/> Photore resist |

Fig. 83



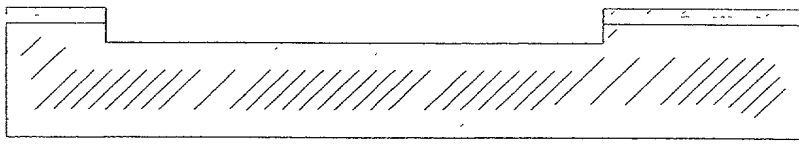
- | | |
|--|--|
| <input type="checkbox"/> Silicon Oxide | <input type="checkbox"/> Silicon Nitride |
| <input type="checkbox"/> Silicon Substrate | <input type="checkbox"/> Photoresist |

Fig. 84



- | | |
|--|--|
| <input type="checkbox"/> Silicon Oxide | <input type="checkbox"/> Silicon Nitride |
| <input type="checkbox"/> Silicon Substrate | |

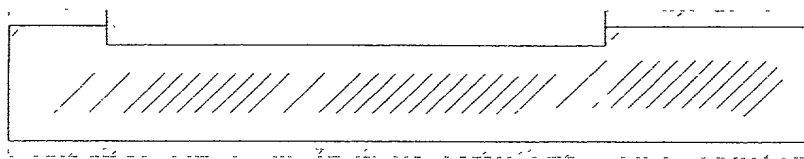
Fig. 85



- | | |
|--|--|
| <input type="checkbox"/> Silicon Oxide | <input type="checkbox"/> Silicon Nitride |
| <input type="checkbox"/> Silicon Substrate | |

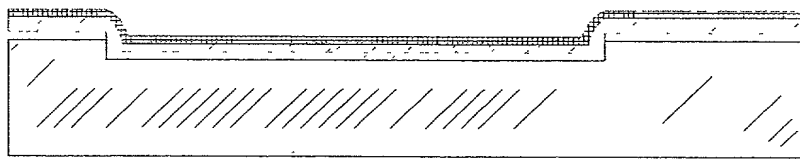
Fig. 86

0906337 1061501



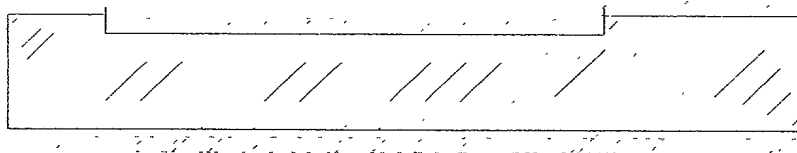
- ☐ Silicon Oxide
- ☐ Silicon Nitride
- ☐ Silicon Substrate

Fig. 87



- ☐ Silicon Oxide
- ☐ Silicon Nitride
- ☐ Silicon Substrate
- ☐ Photoresist

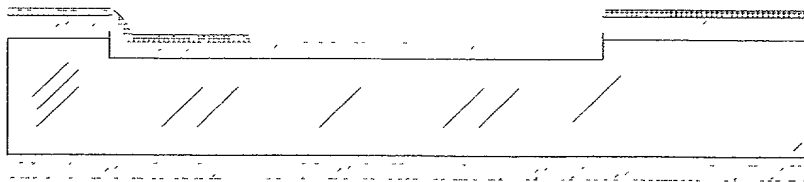
Fig. 88



- ☐ Silicon Oxide
- ☐ Silicon Nitride
- ☐ Silicon Substrate

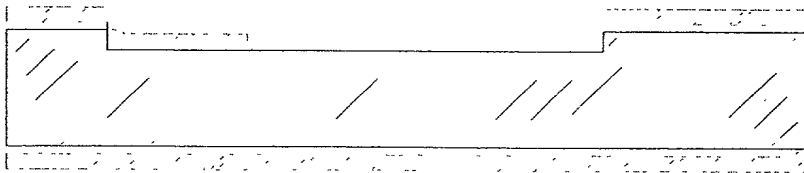
Fig. 89

0986332-054504



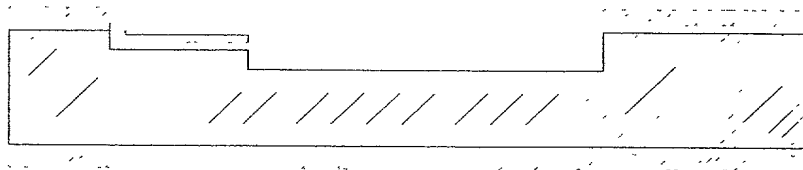
- | | |
|--|--|
| <input type="checkbox"/> Silicon Oxide | <input type="checkbox"/> Silicon Nitride |
| <input type="checkbox"/> Silicon Substrate | <input type="checkbox"/> Photoresist |

Fig. 90



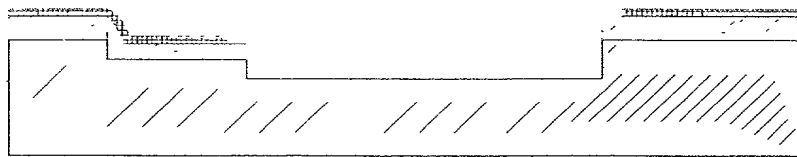
- | | |
|--|--|
| <input type="checkbox"/> Silicon Oxide | <input type="checkbox"/> Silicon Nitride |
| <input type="checkbox"/> Silicon Substrate | |

Fig. 91



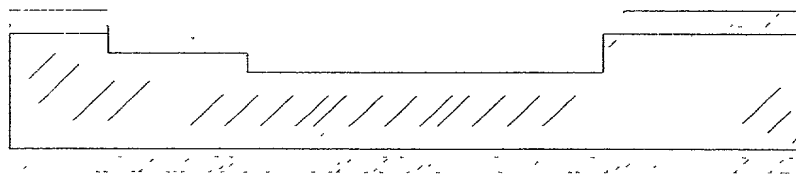
- | | |
|--|--|
| <input type="checkbox"/> Silicon Oxide | <input type="checkbox"/> Silicon Nitride |
| <input type="checkbox"/> Silicon Substrate | |

Fig. 92



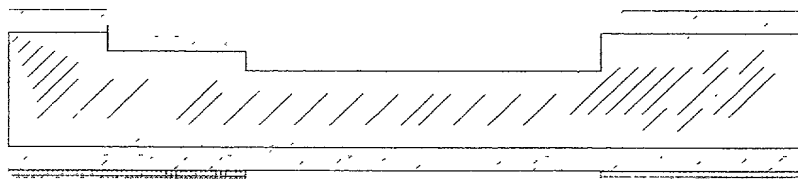
- | | |
|--|---|
| <input type="checkbox"/> Silicon Oxide | <input type="checkbox"/> Silicon Nitride |
| <input type="checkbox"/> Silicon Substrate | <input checked="" type="checkbox"/> Photoresist |

Fig. 93



- | | |
|--|--|
| <input type="checkbox"/> Silicon Oxide | <input type="checkbox"/> Silicon Nitride |
| <input type="checkbox"/> Silicon Substrate | |

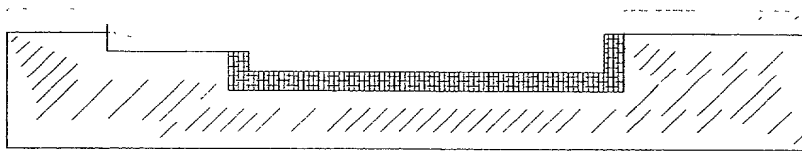
Fig. 94



- | | |
|---|---|
| <input type="checkbox"/> Silicon Oxide | <input type="checkbox"/> Silicon Nitride |
| <input checked="" type="checkbox"/> Silicon Substrate | <input checked="" type="checkbox"/> Photoresist |

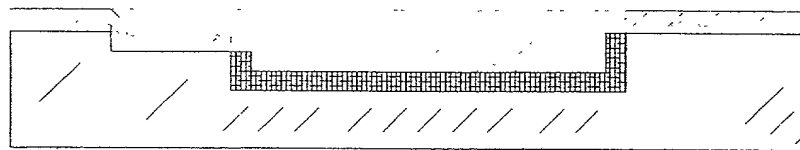
Fig. 95

☐ Silicon Oxide ☐ Silicon Nitride
☐ Silicon Substrate ☐ Aluminum
☐ Porous Silicon



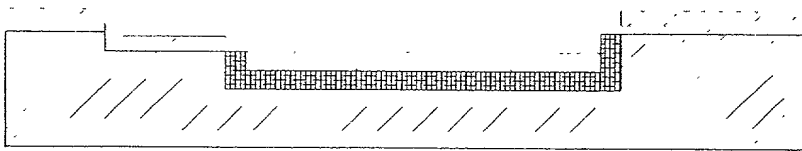
- | | |
|---|--|
| <input type="checkbox"/> Silicon Oxide | <input type="checkbox"/> Silicon Nitride |
| <input checked="" type="checkbox"/> Silicon Substrate | |
| <input checked="" type="checkbox"/> Porous Silicon | |

Fig. — 99



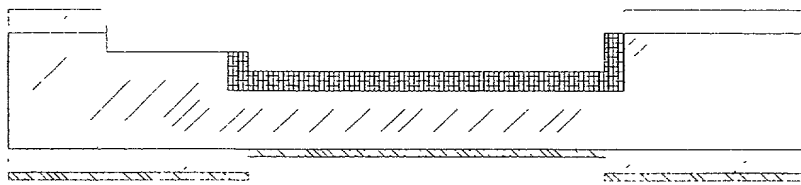
- | | |
|---|--|
| <input type="checkbox"/> Silicon Oxide | <input type="checkbox"/> Silicon Nitride |
| <input checked="" type="checkbox"/> Silicon Substrate | <input type="checkbox"/> Sol-Gel |
| <input checked="" type="checkbox"/> Porous Silicon | |

Fig. — 100



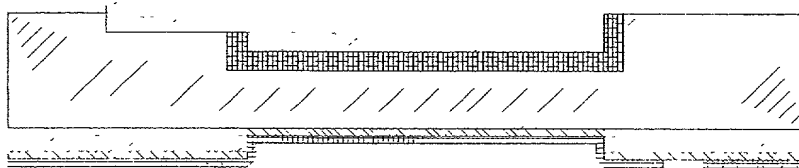
- | | |
|--|--|
| <input type="checkbox"/> Silicon Oxide | <input type="checkbox"/> Silicon Nitride |
| <input type="checkbox"/> Silicon Substrate | <input type="checkbox"/> Sol-Gel |
| <input checked="" type="checkbox"/> Porous Silicon | |

Fig. — 101



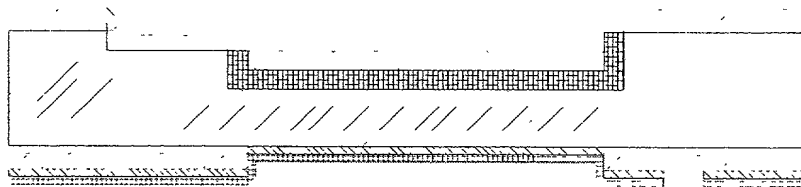
- | | |
|--|--|
| <input type="checkbox"/> Silicon Oxide | <input type="checkbox"/> Silicon Nitride |
| <input type="checkbox"/> Silicon Substrate | <input type="checkbox"/> Sol-Gel |
| <input checked="" type="checkbox"/> Porous Silicon | <input checked="" type="checkbox"/> Aluminum |

Fig. 102



- | | |
|---|--|
| <input type="checkbox"/> Silicon Oxide | <input type="checkbox"/> Silicon Nitride |
| <input checked="" type="checkbox"/> Silicon Substrate | <input type="checkbox"/> Sol-Gel |
| <input checked="" type="checkbox"/> Porous Silicon | <input checked="" type="checkbox"/> Aluminum |
| <input type="checkbox"/> Photoresist | |

Fig. 103



- | | |
|--|--|
| <input type="checkbox"/> Silicon Oxide | <input type="checkbox"/> Silicon Nitride |
| <input type="checkbox"/> Silicon Substrate | <input type="checkbox"/> Sol-Gel |
| <input checked="" type="checkbox"/> Porous Silicon | <input checked="" type="checkbox"/> Aluminum |
| <input type="checkbox"/> Photoresist | |

Fig. 104

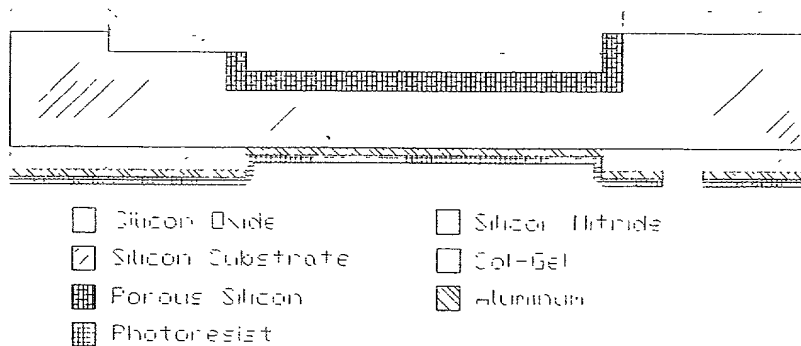


Fig. 105

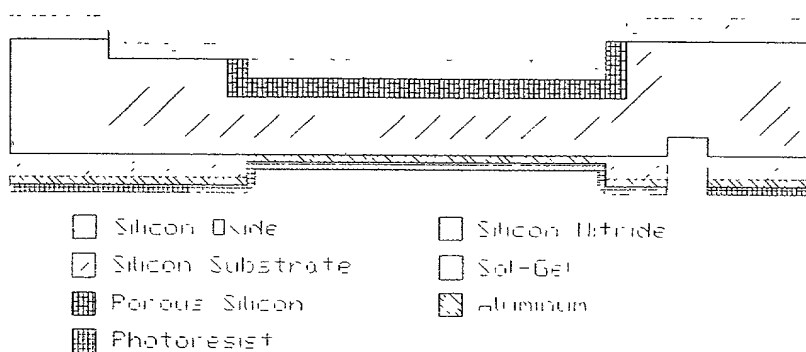


Fig. 106

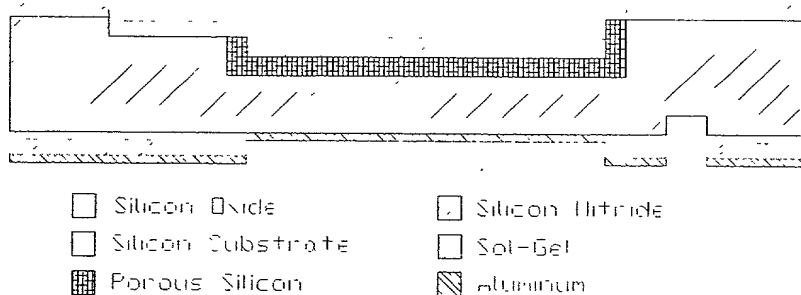


Fig. 107

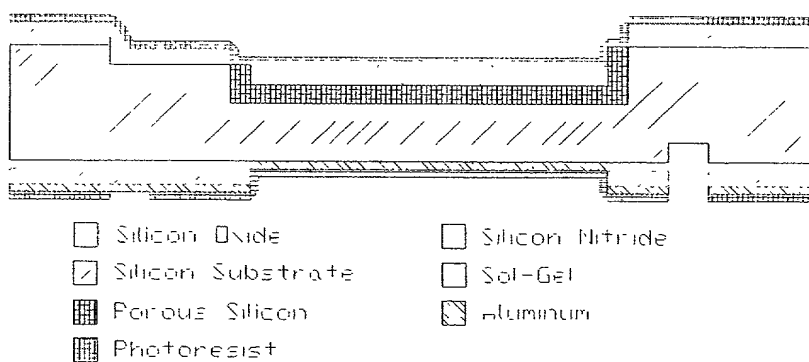


Fig. 108

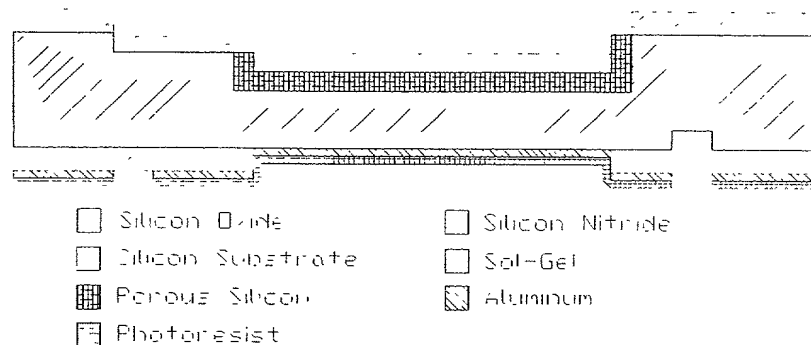


Fig. 109

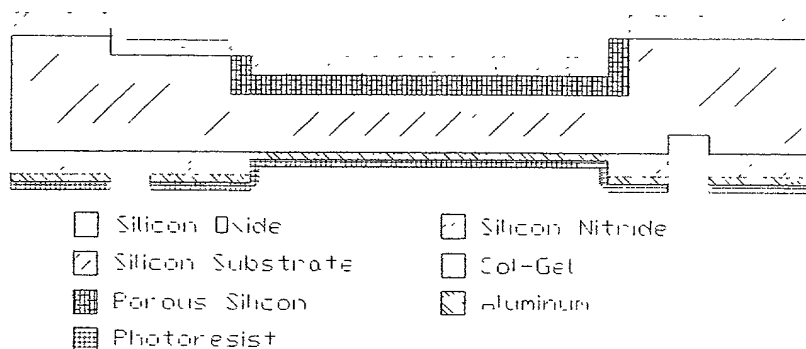
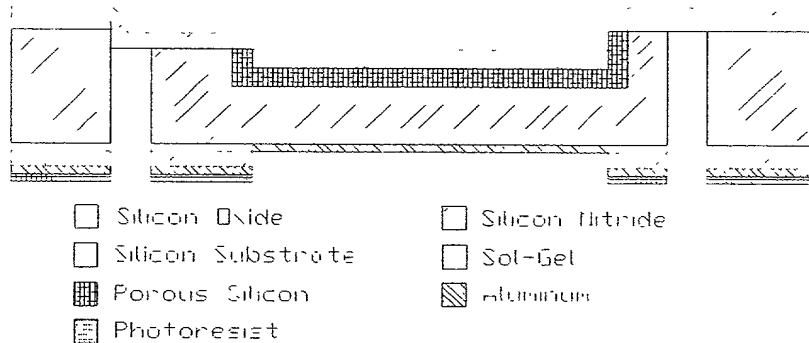
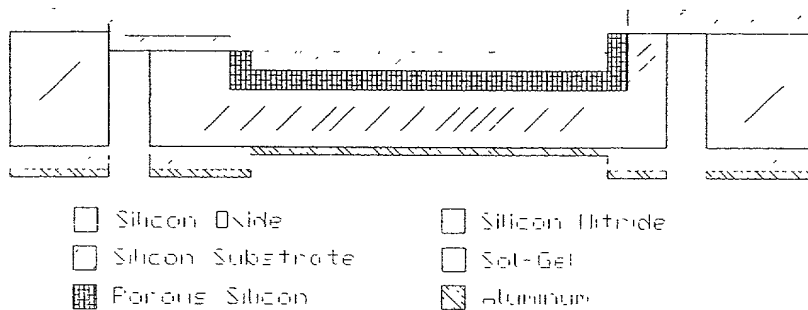


Fig. 110



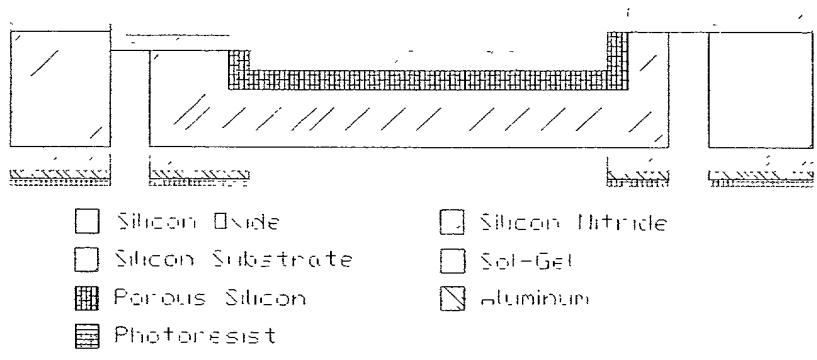


Fig. 114

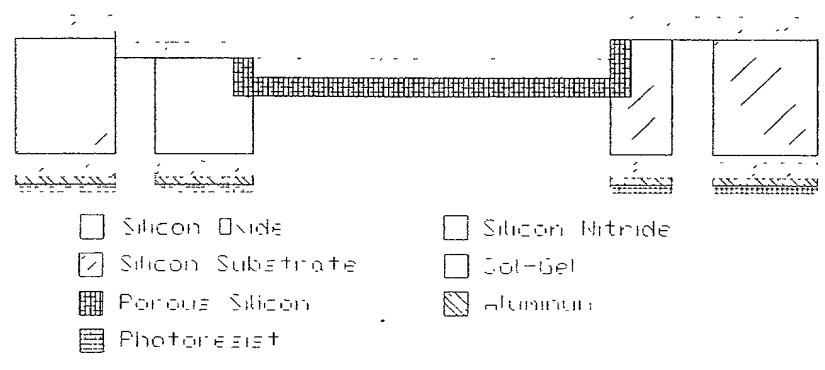


Fig. 115

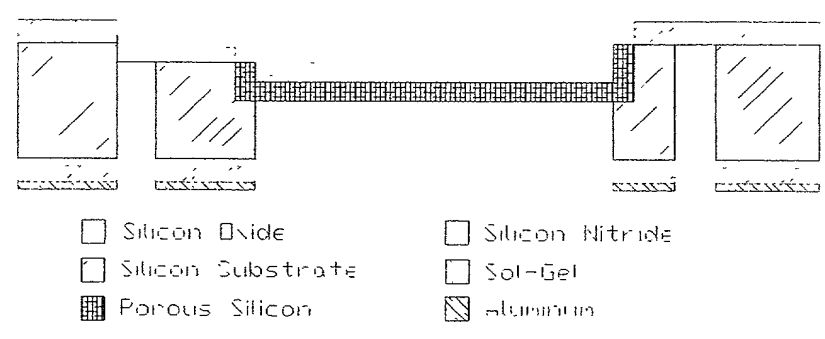


Fig. 116

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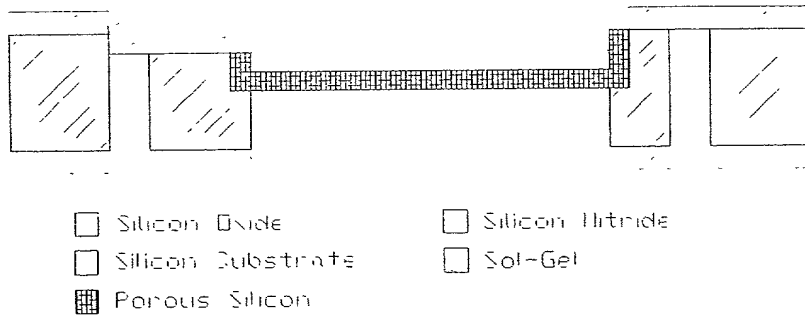


Fig. 117

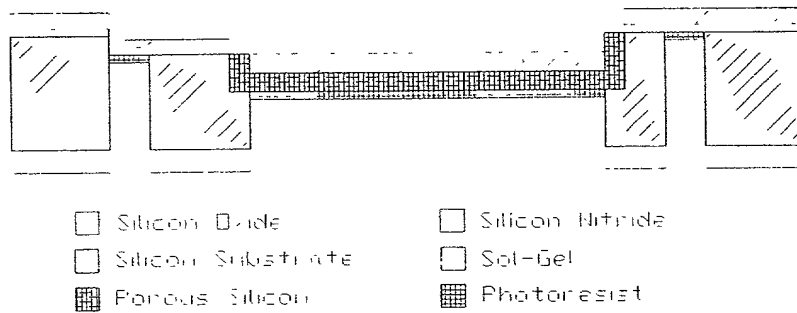


Fig. 118

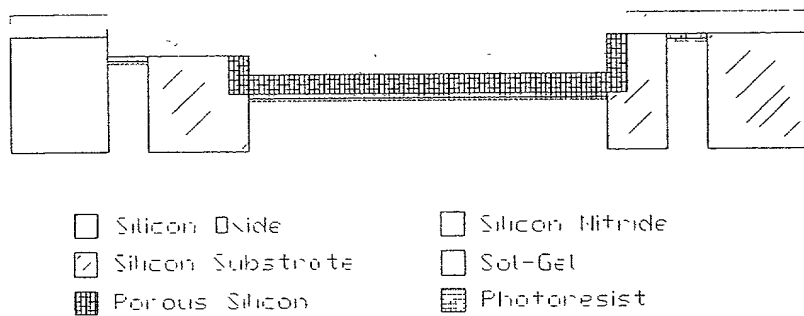
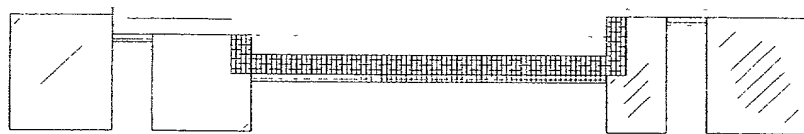


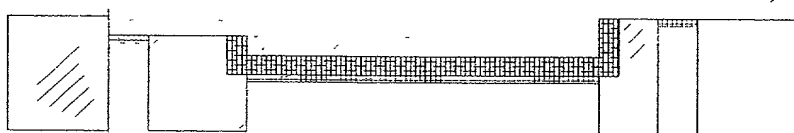
Fig. 119

056327-0501



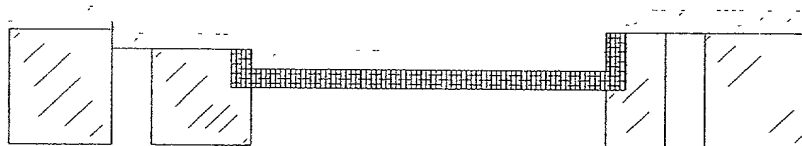
- | | |
|--|--|
| <input type="checkbox"/> Silicon Oxide | <input type="checkbox"/> Silicon Nitride |
| <input type="checkbox"/> Silicon Substrate | <input type="checkbox"/> Sol-Gel |
| <input checked="" type="checkbox"/> Porous Silicon | <input checked="" type="checkbox"/> Photorealist |
| <input type="checkbox"/> Titanium | |

Fig. 120



- | | |
|--|--|
| <input type="checkbox"/> Silicon Oxide | <input type="checkbox"/> Silicon Nitride |
| <input type="checkbox"/> Silicon Substrate | <input type="checkbox"/> Sol-Gel |
| <input checked="" type="checkbox"/> Porous Silicon | <input checked="" type="checkbox"/> Photorealist |
| <input type="checkbox"/> Titanium | <input type="checkbox"/> Gold |

Fig. 121



- | | |
|---|--|
| <input type="checkbox"/> Silicon Oxide | <input type="checkbox"/> Silicon Nitride |
| <input checked="" type="checkbox"/> Silicon Substrate | <input type="checkbox"/> Sol-Gel |
| <input checked="" type="checkbox"/> Porous Silicon | <input type="checkbox"/> Gold |
| <input type="checkbox"/> Titanium | |

Fig. 122









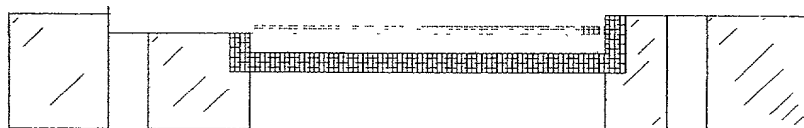
 Silicon Dioxide	 Silicon Nitride
 Silicon Substrate	 Sol-Gel
 Porous Silicon	 Gold
 Titanium	 Photoresist

Fig. _____ 123



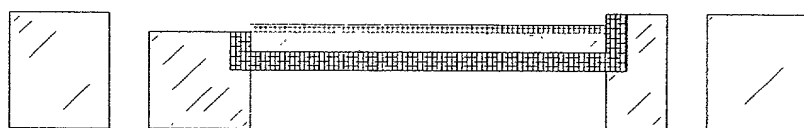
☐ Silicon Oxide
 ☐ Sol-Gel

☐ Silicon Substrate
 ☐ Gold

☒ Porous Silicon
 ☐ Photoresis+

☐ Titanium

Fig. _____ 124

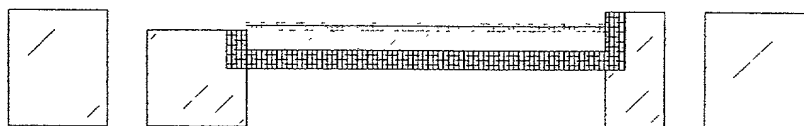


<input type="checkbox"/> Silicon Dioxide	<input type="checkbox"/> Sol-Gel
<input checked="" type="checkbox"/> Silicon Substrate	<input type="checkbox"/> Gold
<input checked="" type="checkbox"/> Porous Silicon	<input checked="" type="checkbox"/> Photoresist
<input type="checkbox"/> Titanium	

Fig. — 125

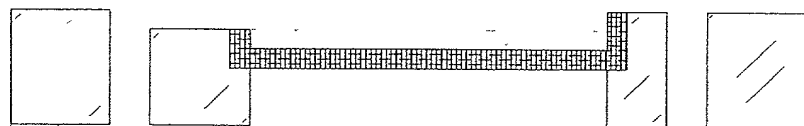
☐ Silicon Oxide
 ☐ Sol-Gel
☒ Silicon Substrate
 ☐ Gold
☒ Porous Silicon
 ☐ Photorezist
☐ Titanium

Fig. _____ 126



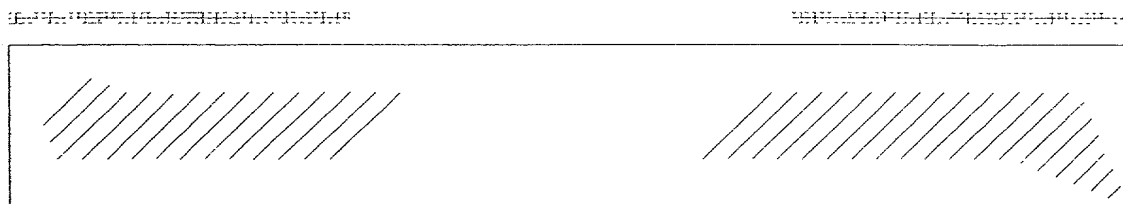
☐ Silicon Dioxide ☐ Sol-Gel
☐ Silicon Substrate ☐ Gold
☒ Porous Silicon ☐ Photorealist
☐ Titanium

Fig. _____ 127



<input type="checkbox"/> Silicon Oxide	<input type="checkbox"/> Titanium
<input checked="" type="checkbox"/> Silicon Substrate	<input type="checkbox"/> Sol-Gel
<input checked="" type="checkbox"/> Porous Silicon	<input type="checkbox"/> Gold

Fig. _____ 128



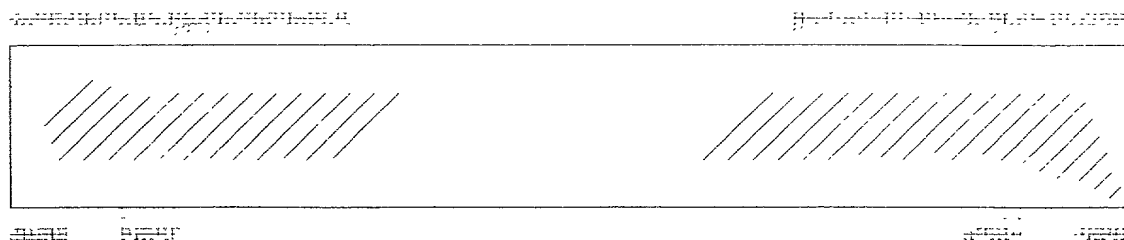
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|---|--|
| <input type="checkbox"/> Silicon Oxide | <input type="checkbox"/> Silicon Nitride |
| <input checked="" type="checkbox"/> Silicon Substrate | |
| <input checked="" type="checkbox"/> Photoresist | |

Fig. 129



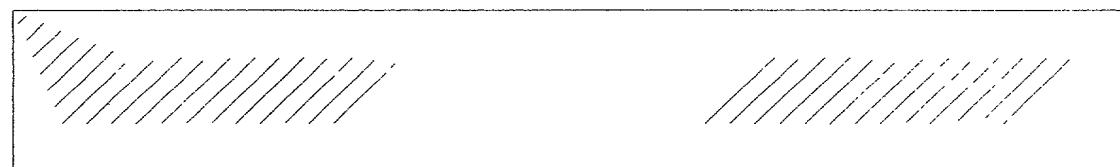
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|---|--|
| <input type="checkbox"/> Silicon Oxide | <input type="checkbox"/> Silicon Nitride |
| <input checked="" type="checkbox"/> Silicon Substrate | |
| <input checked="" type="checkbox"/> Photoresist | |

Fig. 130



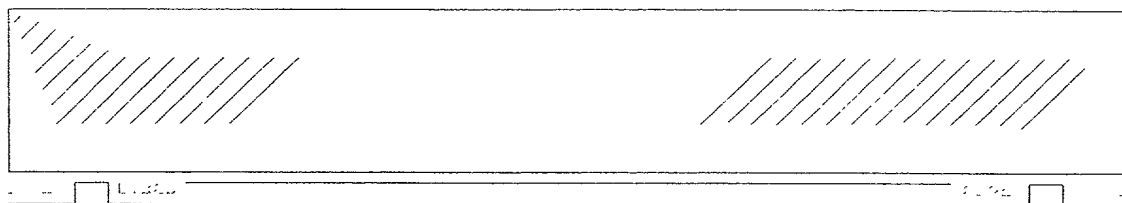
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|---|--|
| <input type="checkbox"/> Silicon Oxide | <input type="checkbox"/> Silicon Nitride |
| <input checked="" type="checkbox"/> Silicon Substrate | |
| <input checked="" type="checkbox"/> Photoresist | |

Fig. 131



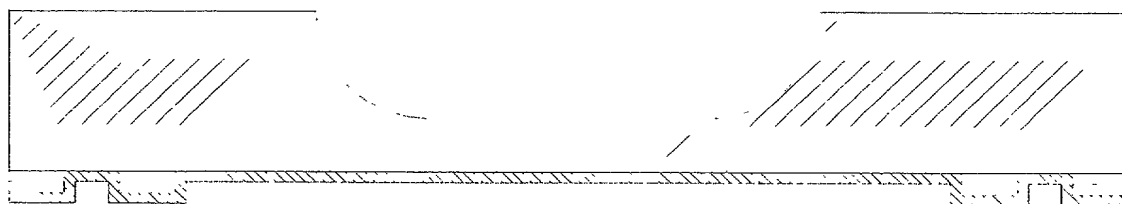
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|---|---|
| <input type="checkbox"/> Silicon Oxide | <input checked="" type="checkbox"/> Silicon Nitride |
| <input checked="" type="checkbox"/> Silicon Substrate | |

Fig. 132



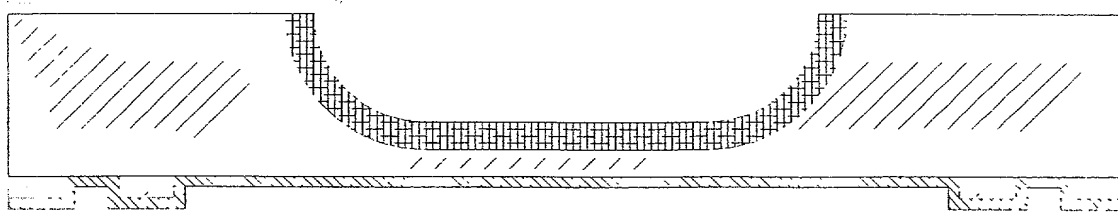
- | | |
|---|--|
| <input type="checkbox"/> Silicon Oxide | <input type="checkbox"/> Silicon Nitride |
| <input checked="" type="checkbox"/> Silicon Substrate | <input type="checkbox"/> Aluminum |

Fig. _____ 133



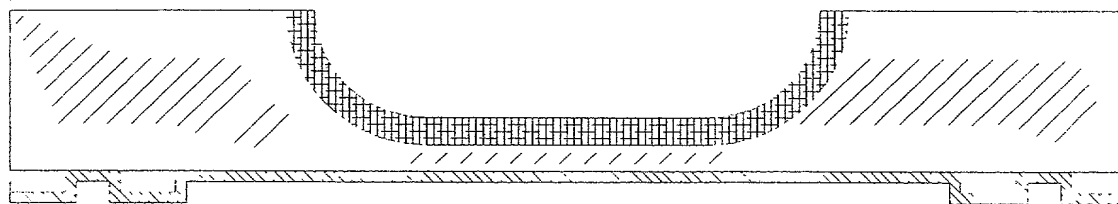
- | | |
|--|--|
| <input type="checkbox"/> Silicon Oxide | <input type="checkbox"/> Silicon Nitride |
| <input type="checkbox"/> Silicon Substrate | <input checked="" type="checkbox"/> Aluminum |

Fig. _____ 134



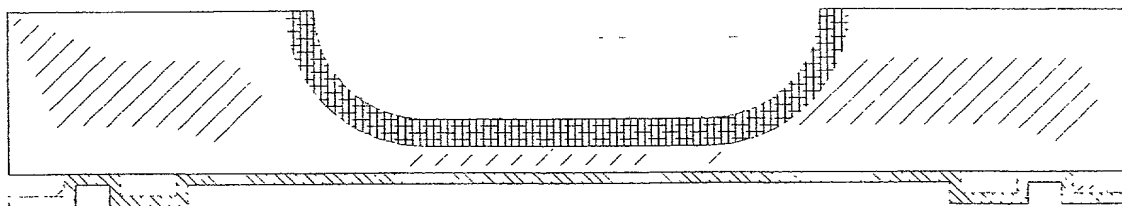
- | | |
|--|--|
| <input type="checkbox"/> Silicon Oxide | <input type="checkbox"/> Silicon Nitride |
| <input type="checkbox"/> Silicon Substrate | <input type="checkbox"/> Aluminum |
| <input type="checkbox"/> Porous Silicon | |

Fig. _____ 135



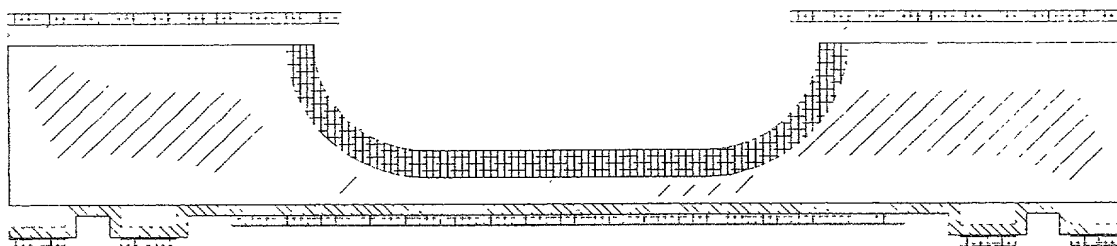
- | | |
|--|--|
| <input type="checkbox"/> Silicon Oxide | <input type="checkbox"/> Silicon Nitride |
| <input type="checkbox"/> Silicon Substrate | <input type="checkbox"/> Aluminum |
| <input type="checkbox"/> Porous Silicon | |
| <input type="checkbox"/> Sol-Gel | |

Fig. . . . 136



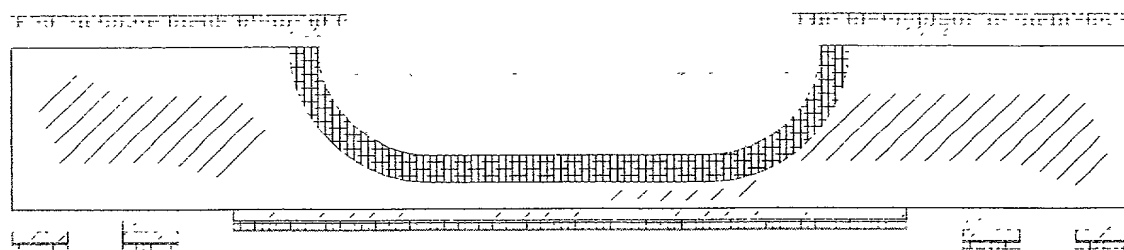
- | | |
|--|--|
| <input type="checkbox"/> Silicon Oxide | <input type="checkbox"/> Silicon Nitride |
| <input type="checkbox"/> Silicon Substrate | <input type="checkbox"/> Aluminum |
| <input type="checkbox"/> Porous Silicon | |
| <input type="checkbox"/> Sol-Gel | |

Fig. _____ 137



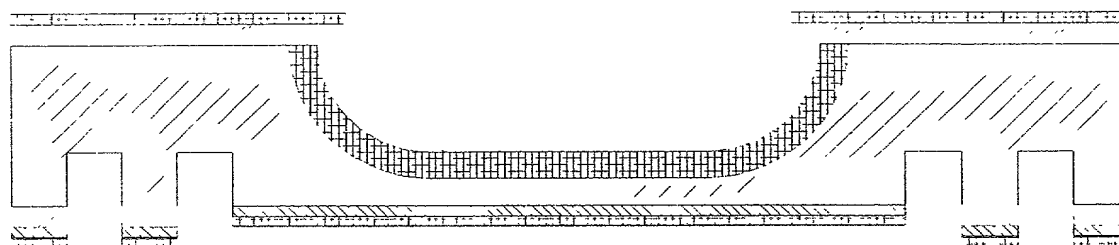
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|--|--|
| <input type="checkbox"/> Silicon Oxide | <input type="checkbox"/> Silicon Nitride |
| <input type="checkbox"/> Silicon Substrate | <input type="checkbox"/> Aluminum |
| <input type="checkbox"/> Porous Silicon | <input type="checkbox"/> |
| <input type="checkbox"/> Sol-Gel | |

Fig. _____ 138



- | | |
|--|--|
| <input type="checkbox"/> Silicon Oxide | <input type="checkbox"/> Silicon Nitride |
| <input type="checkbox"/> Silicon Substrate | <input type="checkbox"/> Aluminum |
| <input type="checkbox"/> Porous Silicon | <input type="checkbox"/> |
| <input type="checkbox"/> Sol-Gel | |

Fig. 139



- | | |
|--|--|
| <input type="checkbox"/> Silicon Oxide | <input type="checkbox"/> Silicon Nitride |
| <input type="checkbox"/> Silicon Substrate | <input type="checkbox"/> Aluminum |
| <input type="checkbox"/> Porous Silicon | <input type="checkbox"/> |
| <input type="checkbox"/> Sol-Gel | |

Fig. 140

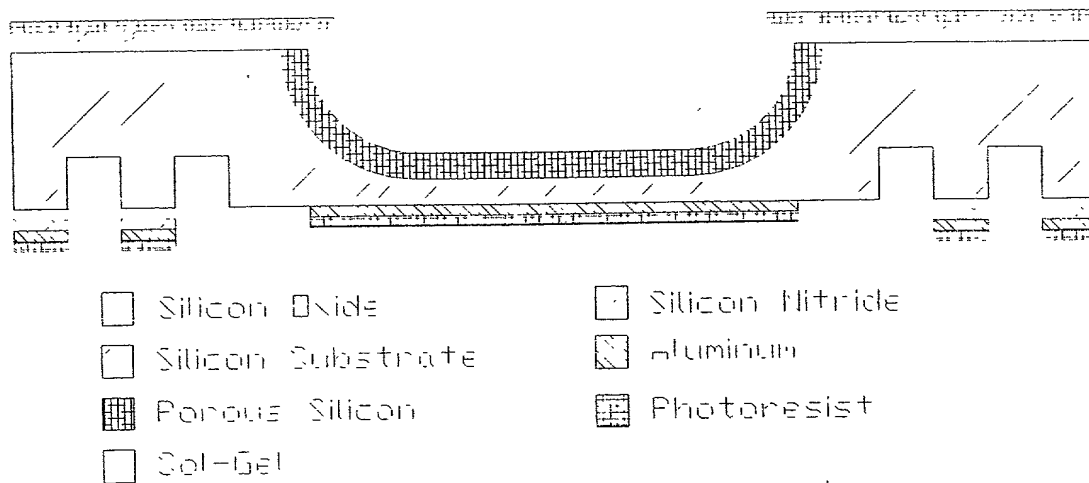


Fig. 141

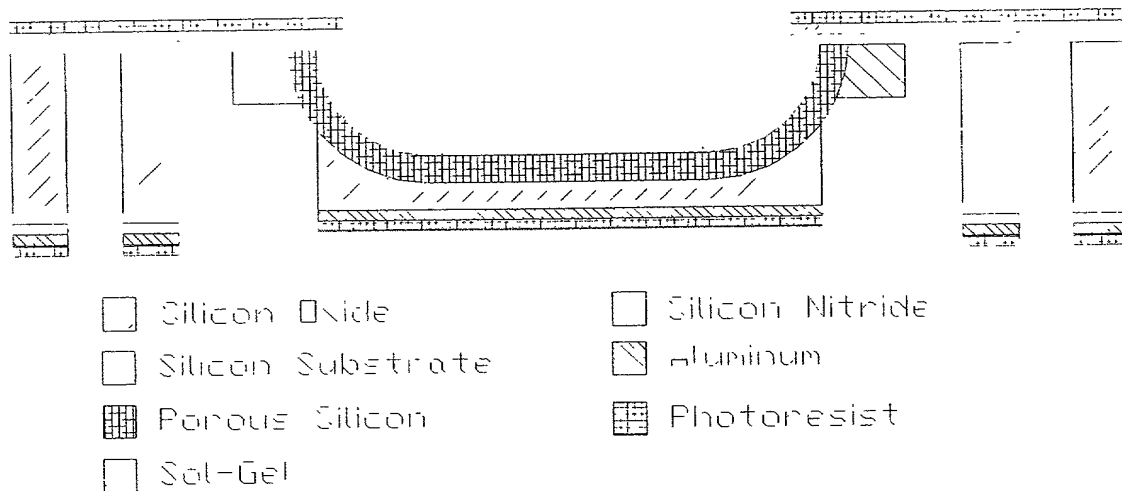
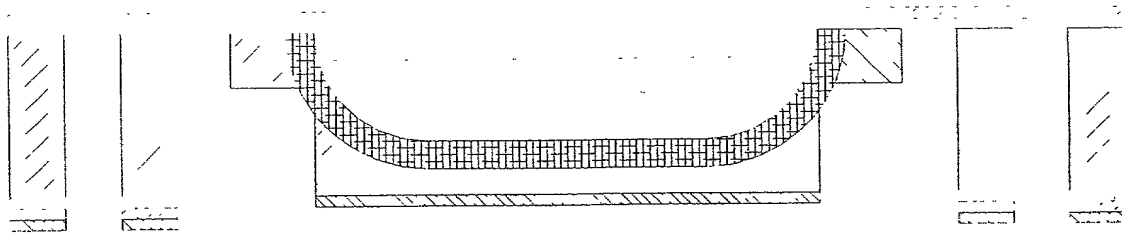


Fig. 142








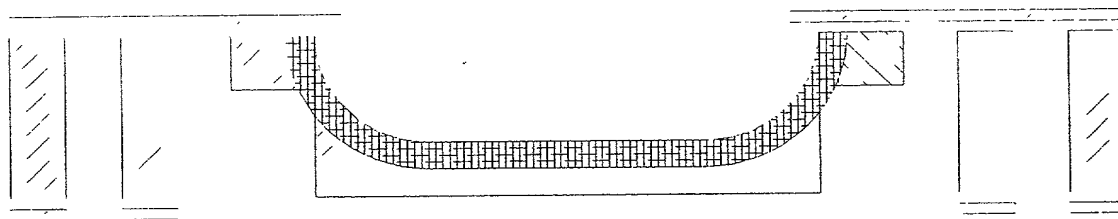
- | | |
|---|---|
|  Silicon Oxide |  Silicon Nitride |
|  Silicon Substrate |  Aluminum |
|  Porous Silicon | |

Fig. _____ 143






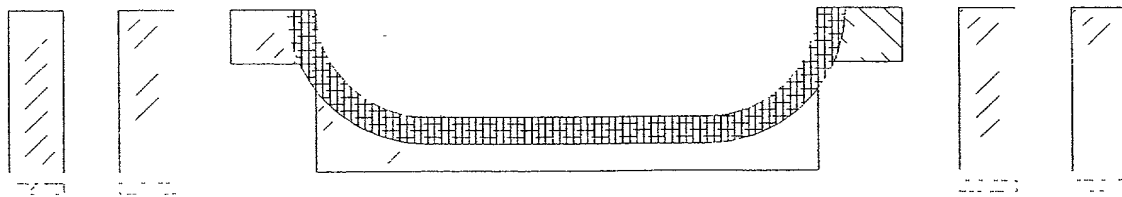
- | | |
|---|---|
|  Silicon Oxide |  Silicon Nitride |
|  Silicon Substrate | |
|  Porous Silicon | |

Fig. _____ 144







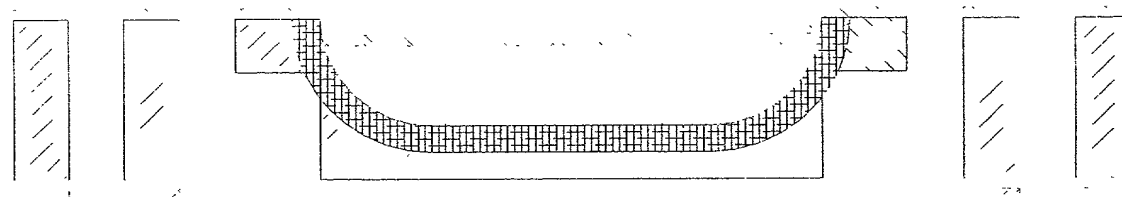
- | | |
|---|---|
|  Silicon Oxide |  Silicon Nitride |
|  Silicon Substrate | |
|  Porous Silicon | |

Fig. ____ 145








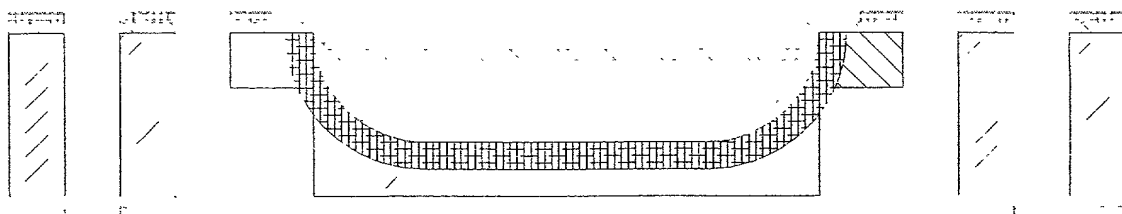
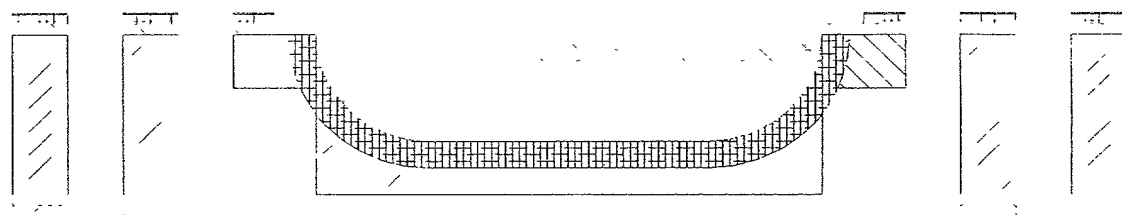
- | | |
|---|---|
|  Silicon Oxide |  Silicon Nitride |
|  Silicon Substrate |  Palladium |
|  Porous Silicon | |

Fig. ____ 146



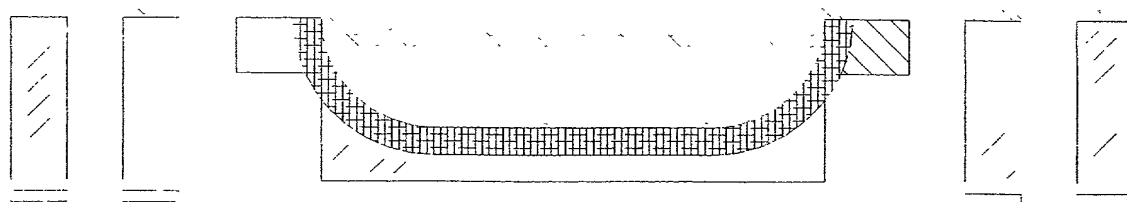
- | | |
|-------------------|-----------------|
| Silicon Oxide | Silicon Nitride |
| Silicon Substrate | Palladium |
| Porous Silicon | Photoresist |

Fig. ____ 147



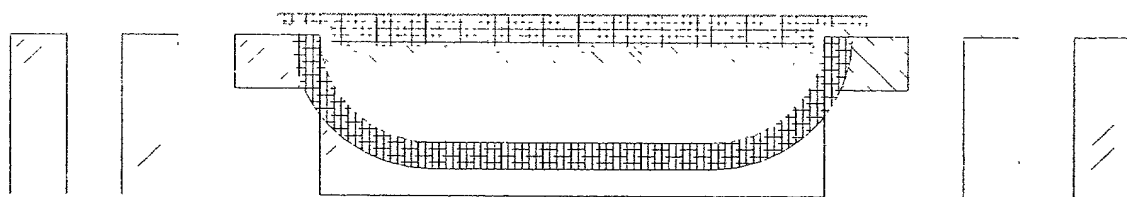
- | | |
|-------------------|-----------------|
| Silicon Oxide | Silicon Nitride |
| Silicon Substrate | Palladium |
| Porous Silicon | Photoresist |

Fig. ____ 148



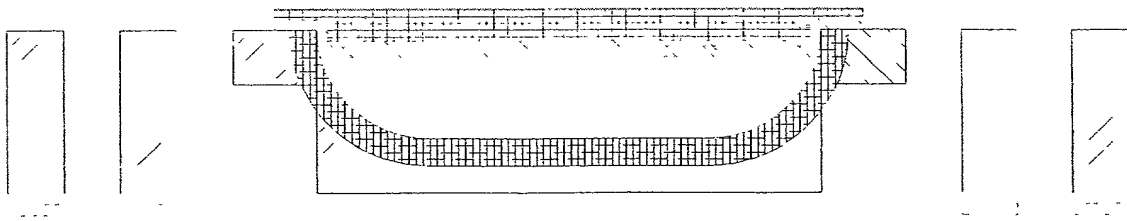
- | | |
|--|---|
| <input type="checkbox"/> Silicon Oxide | <input type="checkbox"/> Silicon Nitride |
| <input type="checkbox"/> Silicon Substrate | <input type="checkbox"/> Palladium |
| <input checked="" type="checkbox"/> Porous Silicon | <input checked="" type="checkbox"/> Photoresist |

Fig. _____ 149



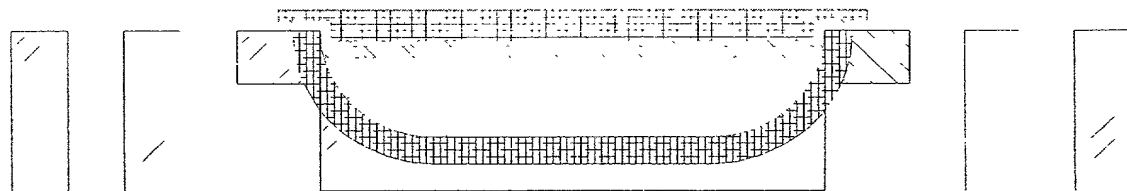
- | | |
|--|---|
| <input type="checkbox"/> Silicon Oxide | <input type="checkbox"/> Silicon Nitride |
| <input type="checkbox"/> Silicon Substrate | <input type="checkbox"/> Palladium |
| <input checked="" type="checkbox"/> Porous Silicon | <input checked="" type="checkbox"/> Photoresist |
| <input type="checkbox"/> Sol-Gel | |

Fig. _____ 150



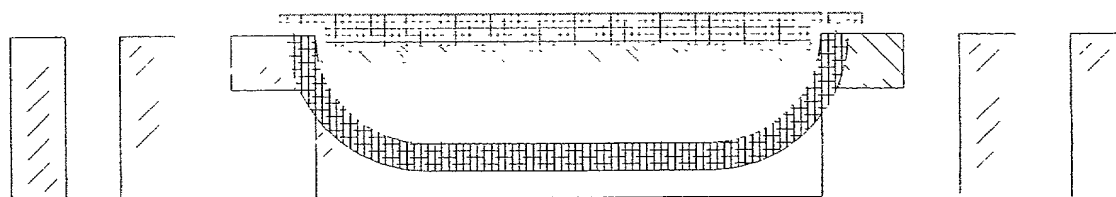
- | | |
|-------------------|-----------------|
| Silicon Oxide | Silicon Nitride |
| Silicon Substrate | Palladium |
| Porous Silicon | Photoresist |
| Sol-Gel | |

Fig. _____ 151



- | | |
|-------------------|-----------------|
| Silicon Oxide | Silicon Nitride |
| Silicon Substrate | Palladium |
| Porous Silicon | Photoresist |
| Sol-Gel | |

Fig. _____ 152



- | | |
|--|---|
| <input type="checkbox"/> Silicon Oxide | <input type="checkbox"/> Silicon Nitride |
| <input type="checkbox"/> Silicon Substrate | <input type="checkbox"/> Palladium |
| <input checked="" type="checkbox"/> Porous Silicon | <input checked="" type="checkbox"/> Photoresist |
| <input type="checkbox"/> Sol-Gel | <input type="checkbox"/> Ti-Tungsten |
| | <input type="checkbox"/> Gold |

Fig. _____ 153

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